Commerce

TEXTILE BULLETIN

VOLUME 25

CHARLOTTE, N. C., THURSDAY, OCTOBER 25, 1923.

NUMBER 9



"Fibrelay"

Compound for SIZING COTTON YARNS

Laying the Fibre, Strengthening the Yarn, and making a Smooth Running Warp Thread

Hawley's Laboratories, Inc.

Manufacturing Chemists—The Hawley Products
Laboratories and Works, Charlotte, N. C.

If Spinners Are Handicapped by Worn Out Rings

You cannot reasonably expect good yarn or maximum production. Poor Warp or Filling increases costs in all subsequent processes—Spooling, Warping, Slashing, Weaving.

Reduced production—anything less than the maximum—is an expense modern competition cannot stand.

DRAPER MIRROR SPINNING RINGS

Trade Mark Reg. U. S. Pat. Off.

Are the best that can be produced in hardness, finish, uniformity and roundness. They are unequalled for durability, being the result of our 54 years of experience as the leading makers of Spinning and Twister Rings.

Let's Talk It Over. Do it Now and Get Results at once.

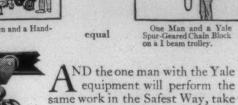
DRAPER CORPORATION

Southern Office Atlanta Georgja

Hopedale Massachusetts







The Yale Spur-Geared Block is the safest, speediest, portable hand

up less working space, and do it

"From Hook-to-Hook-a-Line-of-Steel"

The new Yale catalog shows you many ways to save money and increase production in your plant by using Yale Chain Blocks and Electric Hoists.

Let us send you your copy

Textile Mill Supply Co.



Textile Mill Supply Co.

INCORPORATED 1898

CHARLOTTE, N. C.

AGENTS FOR

Graton & Knight Leather Belting

U. S. Bobbin & Shuttle Co.

Bobbins & Shuttles

DODGE

Hangers, Pulleys, Couplings

Card Clothing

Reeds

WYANDOTTE

Concentrated Ash Texti'e Soda K.B. Special Ash Detergent

We Carry a Complete Stock, and Can Make Immediate Shipmen

Everything In Mill and Factory Supplies

WHITIN MACHINE WORKS TEXTILE MACHINERY

Manufacturers of the following machines:

COTTON MACHINERY

Opening Conveying Distributing Picking
Picking
Revolving Flat Cards
Sliver Lap achines
Ribbon Lap Machines Combing Machines

Drawing Framse Roving Frames Spinning Frames Spoolers Twisters Reels

Quillers

COTTON WASTE MACHINERY

COTTON AND WOOLEN SYSTEMS

Openers Pickers Willows Card Feeds Full Roller Card

Revolving Flat Cards Derby Doublers Roving Frames Spinning Frames Spoolers Twisters Condensers Twister Special Spinning Frames

WOOLEN MACHINERY

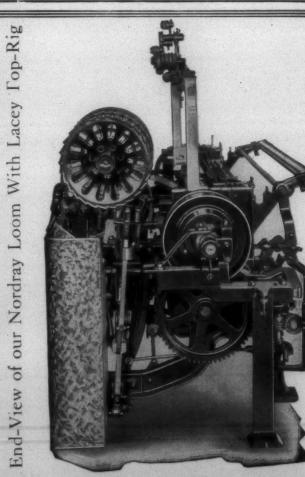
Full Roller Cards

Condensers Wool Spinning Frames

WORSTED MACHINERY

Cone Roving Frames

MAIN OFFICE AND WORKS
WHITINSVILLE, MASS. U.S.A. SOUTHERN OFFICE CHARLOTTE. N.C.



HOPEDALE MFG. COMPANY Milford. Mass.

Southern Office

Greenville S. C.

Rugged Design

With

Simple Automatic

B

Build

Filling Bobbins--for plain and automatic looms
Warp Bobbins--warp or filling wind
Twister Bobbins--solid or three piece
Speeder, Intermediate and Slubber Bobbins
Skewers and Rolls
Warp and Twister Spools--plain or with metal shields

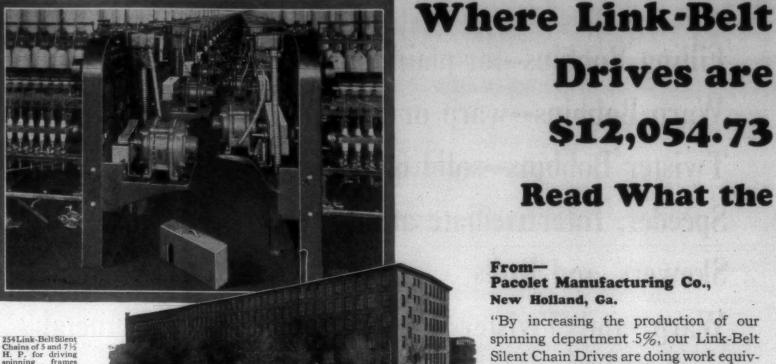
True Running
Warp Bobbins
a Specialty

You are cordially invited to visit our exhibit, International Textile Exhibit, Boston, Oct. 29th-Nov. 3rd, Space 52

The Dana S. Courtney Co.

CHICOPEE, MASS.

Southern Agent A. B. Carter, Gastonia, N. C.



to the state of th

254 Link-Belt Silent Chains of 5 and 7 ½ H. P. for driving spinning frames and 20 Link-Belt Silent Chain group drives of 30 H. P. for driving 1,760 looms are in service at this plant.

In this building there are 99 frames driven by 5 H. P. motors and 71 warp frames driven by 7½ H. P. motors. All these are equipped with Link Belt Silent Cheine a total of

Pacolet Manufacturing Co.,

"By increasing the production of our spinning department 5%, our Link-Belt Silent Chain Drives are doing work equivalent to the addition of 12.7 spinning frames. This effects an annual saving of \$1,905.00".

W. D. Anderson, Supt.



"Link-Belt Silent Chain Drives on our spinning frames are saving \$3,443.09 a year. which repays their original cost in a little over a year. They have improved the quality of our product, reduced delays due to breakdowns, and increased the efficiency of our workmen by making the spinning room quieter and lighter".

J. N. Smith, Supt.

These statements, detailed in full, can be had in their complete form, from any Link-Belt office.

LINK-BELT

PHILADELPHIA, 2045 Hunting Park Ave.

CHICAGO, 300 W. Pershing Road

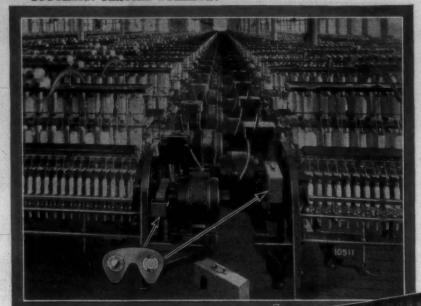
OFFICES IN

Silent Chain Saving Annually Users Say:-

From— Brandon Mills, Greenville, S. C.

"Eliminating the slip from our spinning frames drives, Link-Belt Silent Chain Drives and individual motors have increased the production of the spinning department 3% and saved us \$2,700 a year in wages alone".

C. E. Hatch, General Manager.



This company employs 156-7½ H. P. Silent Chain Drives on spinning frames at this plant. Motors are 1,760 R. P. M. reduced through chain to 950 to 1,100

From— American Spinning Company, Greenville, S. C.

"The installation of Link-Belt Silent Chain Drives on our spinning frames has eliminated the slip of belts, thereby increasing our production 6%, and saving us \$4,006.64 annually. At this rate, the chains repay their cost every year".

Thomas A. Sizemore, Supt.

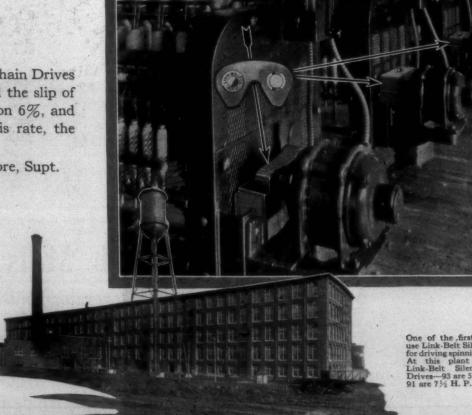
Facts speak for themselves. Now let us show you what Link-Belt Silent Chain Drives can accomplish for you.

COMPANY

INDIANAPOLIS, 515 N. Holmes Ave.

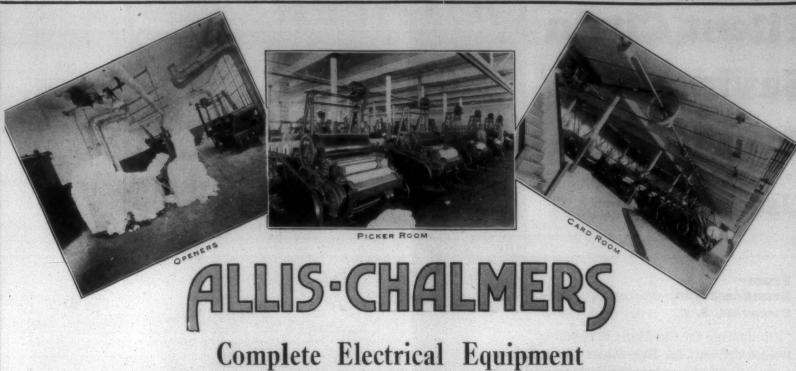
TORONTO, Wellington and Peter St.

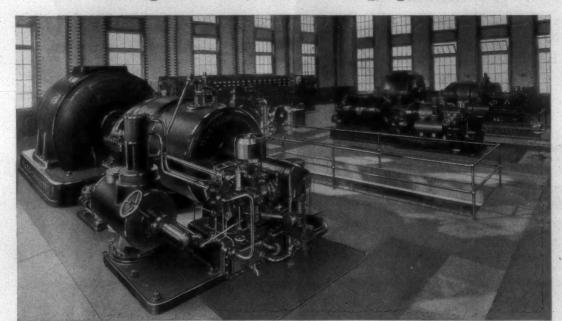
INDUSTRIAL CENTERS



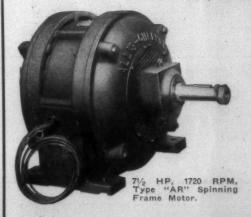
1210

SILENT CHAIN





One 500 K. W., 3600 RPM, and Two 3000 K. W. 1800 RPM Turbo Generators in the Textile Industry



For Textile Mills

Steam Turbo-Generator Units
Condensing and Non-condensing
Switchboard Equipments
Transformers
Induction Motors of All Kinds for
Textile Service
Transmission Machinery
SEND FOR BULLETIN

ALLIS-CHALMERS
PRODUCTS
Electrical Machinery
Steam Turbines
Steam Engines
Gas and Oil Engines
Hydraulic Turbines
Crushing and Cement
Machinery
Mining Machinery

ALLIS-CHALMERS

MILWAUKEE, WISCONSIN. U.S.A.

District Offices in All Leading Cities



ALLIS - CHALMERS
PRODUCTS
Flour and Saw Mill Machinery
Power Transmission Machinery
Pumoine Eoginer-Contriuse Pumps
Steam and Electric Hoista
Air Compressors - Air Brakes
Agricultural Machinery
Condenaers

SOUTHERN IIF BIIIF

PUBLISHED EVERY THURSDAY BY CLARK PUBLISHING COMPANY, 39-41 S. CHURCH STREET, CHARLOTTE, N. C. SUBSCRIPTION \$2.00 PER TEAR IN ADVANCE. ENTERED AS SECOND CLASS MAIL MATTER MARCH 2. 1911. AT POSTOFFICE, CHARLOTTE, N. C., UNDER ACT OF CONGRESS, MAR. 3, 1879

VOLUME 25

CHARLOTTE, N. C., THURSDAY, OCTOBER 25, 1923.

NUMBER 9

International Textile Exposition

The International Textile Exposition, which will open in Boston on Monday of next week, will show a very comprehensive display of textile machinery, supplies, equipment and specialties of many minds. The exhibits will include every phase of the textile industry and will prove extremely interesting and valuable to textile men who attend.

A brief description of a large number of the various exhibits are given below:

New York & New Jersey Lubricant Co.

The New York & New Jersey Lubricant Co., 401 Broadway, New York, will have on display a full line of their Non-Fluid Oil modern textile lubricants.

In developing Non-Fluid Oil modern textile lubricants the New York & New Jersey Lubricant Co. have had the active co-operation and advice of practical mill men over a long period of years, with the result that grades of Non-Fluid Oil have been perfected for lubricating every machine employed in the carding, spinning, twisting and weaving of cotton. These lubricants possess the marked advantage of insuring freedom from oil stains on goods in process, thereby stopping a loss which formerly cost textile mills many hundreds of thousands of dollars each year.

A perusal of the text book which the company has issued on the lubrication of textile machinery will give an idea of the extent to which they have specialized on this problem. This book illustrates every machine through which cotton passes from the bale to the packing room and treats of the lubricating difficulties usually experienced in textile mills and the remedies for them. A copy of this book will be given gratis to every visitor at their exhibit.

Besides men from their regular sales staff, the company will have in attendance men who have specialized on the lubrication of textile machinery, so are amply qualified to give mill superintendents and en-gineers expert advice on this subject.

Gibby Engineering Co.

working model of the Gibby Hand Stoker on exhibition at the International Textile Exposition in Bos-

Oakley Chemical Co.

Samples will be shown of many kinds of textile fabrics and materials, which have been kier boiled, soaped out, scoured or cleaned with the and of Oakite.

Special prominence will be given samples of cotton hosiery and underwear tubing which have been kier boiled with the aid of Oakite. Attention will be called to the softness and whiteness of the samples, to the use of Oakite in the cleaning processes.

A staff of Oakite chemists and textile men will be in attendance to explain the use of Oakite materials. Facts and figures will be presented, together with special reference to samples shown, to prove the merits of Oakite.

1. How Oakite saves detergents and bleaching and finishing mate-

2. That it prevents stains and injury to goods, and through better cleaning of yarns, fabrics or cloths, before dyeing, gives a more uniform dyeing—all of these things preventing seconds and rejects, and also saving time and material in the expensive work of reprocessing.

3. That mills using Oakite produce better appearing and better feeling goods.

The National Pipe Bending Co.

It is the intention of this company to exhibit models of both Storage Heaters and Instantaneous Heaters for supplying industrial hot water. They will also have on exhibition a departure in a coal burning unit for supplying hot water for special purposes

They will also have bulletins and usual literature covering their standard lines of Feed Water Heaters and special equipment as well as coils of all kinds

North Georgia Railway and Power Co.

availability of abundant hydro-electric power in North Georgia, and the advantage of that situation to new industries desiring locations are shown graphically in a giant relief map which will be a part of the exhibit of the Georgia Railway and Power Company at the International Textile Exposition.

The relief map depicts the devel-This company will have a full size opment which the Georgia company has in the mountains of North Georgia along the Tallulah, Chattooga and Tugalo rivers and takes into account something like sev-

area occupied by the actual developments - which produce hydroelectric energy which now serves fifty-two Georgia municipalities.

According to plans of the company, which are now actually under way, seven complete power plants will be in operation along this particular watershed in the foothills of the Blue Ridge mountains by 1926—producing 635,000,000 kilowatt hours annually. The same water will be used seven distinct times in the chain of power plants.

The exhibit itself, constructed in Atlanta, is a "live model," running water being used in the streams, and electric lighting so used as to render a particularly artistic and graphic effect: The exhibit is scaled one square foot to the square mile, since it is seventy-two square feet in size and depicts an aera of seventy-two square miles.

The United States Air Compressor Co.

This exhibit will consist of the following: One-pound stationary water-cooled air compressor of 20 cu. ft. capacity, suitable for cleaning

motors, machinery, etc.
One Portable Mill Cleaning air compressor. This equipment has a 60-gallon tank, 1 horsepower motor completely automatic throughout. Pressure up to 200 pounds is carried in the tank. This is reduced down to about 75 pounds of constant pressure. Air is replen-ished as fast as it can be used from the cleaning nozzle. Suitable for cleaning motors, knitting machinery and all mill machinery where dust or other material interfere with the regular work

Lawrence & Co.

They are the selling agents for the Pacific Mills, Merrimack Mfg. Co., Whittenton Mfg. Co. and International Cotton Mills

It is their intention to exhibit the products of these mills. The principal fabrics to be displayed by the different mills are as follows:

Pacific Mills, Worsted Dept.: Cotton warp and all wool storm serges, cotton warp and all wool French serges, cotton warp and all wool crepes, cotton warp and all wool granite cloth, poiret twills, covert cloths, linings. Print Dept.: Serpentine crepe, printed and dyed percales, drapery fabrics, satines, Pamico cloth, plain and fancy wash goods, shirtings, cotton flannels,

enty-two square miles, which is the bleached goods, Duretta cloth, "Truth" cambrics, nainsooks and muslins.

> Merrimack Mfg. Co.: Fast pile velveteens, plush, dress corduroy, men's wear coduroy, fustian cloths,

> khaki cloths, grey goods. Ipswich Mills: Men's, and children's hosiery, made from artificial silk, wool and cotton.
> Whittenton Mfg. Co.: Cotton nap-

> ped goods, comprising crib blankets, bathrobe blankets, art blankets, fine ginghams.

> International Cotton Mills: Fabric and cord tire cloths, rose and belt-ing duck, sail duck, crash toweling. These goods will be displayed in

> five tastefully arranged exhibits so as to fairly well show the enormous line of cotton and wool fabrics made by these representative mills and exclusively sold through Lawrence & Co.

Computing-Tabulating-Recording Co.

The machines which this comany will show are: A complete tabulating installation, consisting of key punch, an electric sorting machine and an electric tabulating and accounting machine, an electric total printing and listing tabulating machine and the International ticketograph.

The electric tabulating and acounting machine method of compiling statistics and reports automatically is based upon the tabulating card. Upon these cards all the information desired for tabulating purposes is recorded by means of perforations made by the key punch. This machine operates somewhat like a typewriter but having only twelve keys proficiency is much more easily acquired.

The electric sorting machine is used to separate the punched cards into desired classifications This machine is electrically operated and handles cards at the rate of 250 per

The electric tabulating and accounting machine accumulates the quantities and amounts punched in tabulating cards. From two to five different sets of figures are added simultaneously by this machine at the rate of 150 amounts every minute for each set; in other words, it furnishes 750 additions every min-

The electric total printing and listing tabulating machine adds the

tabulating cards in the same manner as does the electric tabulating and accounting machine, but differs from it in that it makes printed records direct from the punched

The Root Co.

complete line of counting machines, featuring the Root Pick Counter installed and in operation on a standard loom

In addition, they will have hank counters and special adaptations of regular counters to textile machin-Representative counters will be shown in actual operation on a power table and will demonstrate just how counters may be used in each particular case.

The hank counter will be shown on a spinning frame, and the well-known Bristol Counter on a mule spinning frame.

Mr. Kallinich, New England sales engineer, and Mr. Hoylen, New York sales engineer, will be in charge. Mr. Kennedy, Southern sales engineer, and Mr. Chidsey and Mr. Chaplin, of the home office, will also be

Economy Fuse and Manufacturing Co.

The exhibit of the Economy Fuse and Manufacturing Company will consist of Economy Renewable Fuses and fuse accessories, and also Economy Elexite.

The American Pulley Co

This company proposes to exhibit the following products that they

Pressed steel reels, pressed steel spools, pressed steel beams, pressed steel section beam heads, split steel pulleys, pressed steel hangers, Roberts loose bushings, pressed steel electrically welded sash pulleys.

They wish to call particular attention to the section beam head. This is a new, patented design made of pressed steel and designed to withstand the most severe service.

Their pressed steel hanger is also a new product that has just been on the market for the last two sures. months.

Edgar T. Ward's Sons Co.

Their exhibit will consist of an assurtment of steel pars, rods, wire, tubing, strips, plates, etc.

McLeod & Henry Co.

Their exhibit will consist of boiler furnace refractories. The exhibit will consist of a full-sized section of a McLeod & Henry plat suspended arch, which is designed to eliminate the trouble common to most suspended arches when repairs necessary, and also to simplify the matter of installation. They will also show a section of their new veneer wall lining, which, briefly, is a type of furnace wall construction that has for its principal object the saving of a full 50 per cent of the refractory lining of a furnace whenever repairs are made. Both the furnace arch blocks and the veneer wall lining blocks are made of the well-known "steel mixture" material. In addition to these they will have models and samples of their boiler door arches, back combustion chamber arches, blow-off pipe pro- eral high grade lubrication; also The October issue of "Dyestuffs," tectors, standard firebrick, high their Economy Boiler Metal Treat- the National Aniline and Chemical

quantities and amounts punched in temperature cement, baffle tiles, etc. ment for keeping steam boilers in Company, Inc., monthly magazine, Jenkins Bros.

> Jenkins Bros.' space is No. 329, and they will have on exhibit a full line valves mechanical rubber and goods.

E. Van Noorden & Co.

It is the purpose of this company The Root Company will show a to exhibit weave shed skylights of sawtooth design, also ventilators made of asbestos, both in its treated other sheet metal articles for textile plants.

The Sherwin-Williams Co.

The Sherwin-Williams Company plan to show their Eg-Shel, Mill White," just as they did at the Greenville Exposition last year. In addition to this they will also show mill officials, and will have a display of SW dyestuffs for the textile industry.

Their representative, W. H. Porter, will be in charge of the exhibit. Crew Levick Co.

The Crew Levick Company will have on display approximately one hundred and fifty grades of oil re-fined and marketed by them.

In addition to this exhibit, they will have a small spindle set-up, with the spindles running on spindle oil refined from pure Pennsylvania crude

A novel feature of the exhibit will be a so-called shadow box, showing grading in color that can be obtained by the careful filtration of petroleum

A. Klipstein & Co.

A. Klipstein & Co. will display at the International Textile Exposition complete line of dyeings, in various strengths, showing the different colors. Also they will show finished goods, cotton, wool, silk and knitted wear.

Greene, Tweed & Co.

Greene, Tweed & Co. will show Palmetto Packing, braided and twist for steam pressures of 100 pounds and over, especially superheated steam and compressed air pressure.

Palco Packing, plaited square, for steam pressures below 100 pounds and all ordinary hydraulic pres-

The Favorite reversible ratchet wrench for quick nut turning.

Crane Packing Company.

The exhibit of the Crane Packing Company, Chicago, will be in charge of Julian N. Walton, Eastern manager, and Colby W. Bryden, from the New York office, assisted by New England distributors, the Eagle Oil and Supply Company, of Boston.

They will exhibit a full line of "John Crane" Packings-styles 100, 200, 300, 400, 500, 601 and 602, showthe latest developments in mewill be made of their condenser under hot and cold water and pressure to 150 pounds per square inch.

Economy Lubricating Company.

Grease which they manufacture production of the various colors the use of their Breton especially for textile work and gen- and shades.

Wool and Breton Minerol 1

good condition.

Asbestos Corporation.

This display will show the products manufactured from the crude ashestos to the finished material. It will not be a very extensive display and will be confined chiefly to a few samples of raw asbestos, yarns made of asbestos and brake lining and untreated forms.

American Abrasive Metals Company.

The exhibit of the American Abrasive Metals Company, New York, will consist of samples of several products walkways, Feralun, Alumalun, Bronzalun and Carborundum Anti-Slip several other finishes of interest to Tile which are now used extensively in industrial plants in the shape of floor plates, safety stair treads, trench covers, etc.

Albert Eckstein & Co.

Their exhibit will be entirely of Artificial Silk, both domestic and imported; also Imitation Silk Tram. Economy Baler Company.

The Economy Baler Company will exhibit a line of their baling presses at this exposition, same to be held in charge of their Boston branch manager, H. M. Arnold.

They expect to show one of their new heavy duty cloth presses, also one of the new waste presses equipped with this two-speed mechanism.

J. E. Sirrine & Co.

J. E. Sirrine & Co.'s exhibit will consist of photographic and similar displays of their engineering work. Hopedale Manufacturing Company.

The exhibit of the Hopedale Manufacturing Company, Milford, Mass., consist of their New Broad Sheeting Loom, not previously shown at a Northern Textile Show; and two looms of regular standard patterns, equipped with several recent improvements.

National Aniline and Chemical Co.

The National Aniline and Chemical Company, Inc., will be represented at the Eighth International Exposition, to be held in Mechanics Hall, Boston, Mass., from October to November 3rd. The "National" exhibit will present a unique and original exhibition background in Spaces 502, 503 and 504, in Department F, and it will be of practical value to manufacturers and dyers of textiles.

One of the most important features of the "National" exhibit will be the display of mill-dyed and printed textiles, including dyed loose wool; yarn dyed and piece dyed woolen and worsted fabrics; direct dyed, direct printed and discharge printed cottons; natural and tallic packings. A special exhibit artificial silk in skeins and on spools; and other interesting texprocess, making use of a small tiles—all dyed exclusively with model condenser which will operate "National" Dyes—all produced in well known mills. And to facilitate mere detailed inspection, samples of the various textiles shown will be The Economy Lubricating Com- available for distribution to manupany, Harry H. Atkinson, proprie- facturers and dyers interested in tor, main office and works, Charles- these goods. These samples will be tor, main office and works, Charles- these goods. These samples will be to special interest, the town, Mass., established 1909, will enclosed in card folders, giving the that the exhibit of product samples show samples of their Economy list of "National" Dyes used for the showing the benefits to be gained in the samples of their Breton Oils for

The October issue of "Dyestuffs," ton.

will contain many new and original articles on the dyeing of the various textiles shown at the exposition. These articles deal with raw stock yarn and piece goods dyeing of woolens, worsteds, cottons, real and artificial silks. Every mill executive and dyer should have a copy of this Exposition Number. Those who will not be present at the exposition can obtain a copy of "Dyestuffs" by writing to The Editor of "Dye-stuffs," National Aniline and Chemical Company, Inc., 40 Rector Street, New York, N. Y.

Aldrich Machine Works.

Aldrich Machine Works' exhibit at the Boston Show will consist of ball bearing and ball bearing applications for textile machinery. will also have on exhibition a Mur-Cotton Cleaning and Aerating Machine, made by The Murray Company, of Atlanta, Ga. This machine has been brought out since the last show and should be of considerable interest to cotton mlil men, as some fifty or sixty mills have been equipped with them this year and they have met with a very favorable reception from the cotton mill trade. The D. T. Williams Valve Company.

D. T. Williams' display at Boston will consist of a complete line of oil and grease cups and lubricating devices, brass and iron regrinding globe, angle, gate and check valves, steam stop cocks, oil gauges, water gauges, gauge cocks and boiler fittings, as well as steam traps and separators.

All of these various lines will be nicely grouped and mounted on separate display boards, and they hope that their exhibit will not only be found attractive, but of interest to all those who have occasion to view their display.

The exhibit will be in charge of T. F. Boyle.

Cochrane Steam Specialty Company. This company will show a Cochrane V-Notch Meter and a Cochrane Meter in actual operation. These meters will be connected in series, and by means of a small motor driven centrifugal pump supply of water will be circulated to show how these meters operate.

They will also exhibit a Cochrane Multiport Drainer, described in attached folder. Also Sectional Figure 2 Cochrane High Pressure Steam Separator.

Whitinsville Spinning Ring Co.

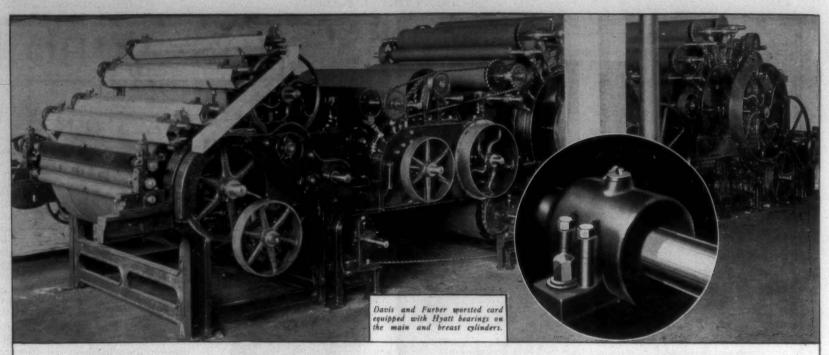
Whitinsville Spinning Ring Company are going to show samples of the varied lines of rings that they manufacture, a picture of the plant. and a moving display showing travrunning on rings.

Borne Scrymser Company.

Borne Scrymser Company exhibit as usual, occupying their customary space, No. 93. They will have on exhibit samples of their various lubricating oils and greases suitable for the textile and engineering trades.

Of special interest, they believe Wool and Breton Minerol F for Cot-

(Continued on Page 12)



Easy Starting Cards are Truly Economical

To overcome the high starting resistance of old-fashioned plain bearing worsted cards requires larger motors than are necessary to keep them running. When the cards are running the larger motors use power less economically than if they were the proper size.

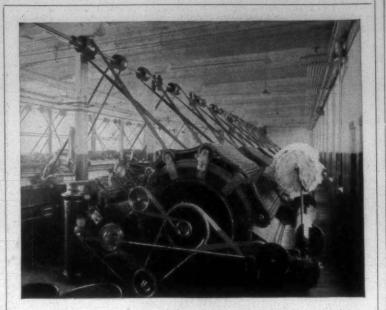
A card equipped with Hyatt roller bearings, however, begins to turn the moment power is applied and requires little more power for starting than for running. Therefore smaller motors can be used and the power saved plus the reduced cost of the motor, soon pays for the additional cost of the bearings.

Added to this worth-while power saving is the durability of the bearings which enables them to operate for years without replacement or adjustment and they require lubrication only 3 or 4 times a year.

Secure modern carding equipment by specifying Hyatt bearings for new cards or by applying Hyatt bearing boxes to your present cards. Complete information sent on request, without obligation.

Hyatt Roller Bearing Company

Newark Detroit Chicago San Francisco Worcester Milwaukee Huntington Minneapolis Philadelphia Cleveland Pittsburgh Buffalo Indianapolis



An Actual Saving of \$1893.14 in Belt Expense

This is the experience of the manager of a famous mill* who standardized on Graton and Knight Belting. He made this decision in August of 1921. And up to the present time, whenever a belt replacement has been necessary, a Graton and Knight Belt has been installed.

This is the result:

In the first six months of 1922 he saved in belt expense over the same period in 1921, more than six hundred dollars.

In the first six months of 1923 he saved over the year before, over twelve hundred dollars.

The figures for the first six months of this year against those of 1921, the year before the standardization on Graton and Knight Belts, show an actual saving of \$1893.14.

Naturally enough, this manager, after over twenty years of experience, has stopped belt experiments. He knows that Graton and Knight belts mean economy to him-actual savings in dollars and cents.

For your particular belting problems, whatever the requirements of your plant may be, in the Graton and Knight Standardized Series there are belts of the proper weight, thickness and flexibility to transmit the right amount of power.

The book, "The Standardization of Belting," tells how, through constant analyzation of power requirements, we have developed a series of belts to meet every condition, to meet them so much better that economies like the one above result. When you write for the book tell us the type of transmission you are interested in.

A Graton and Knight engineer will gladly consult with you, giving you the benefit of the widest belting experience in the world.

GRATON & KNIGHT



Name on Request

Branches and distributors in all principal cities throughout the world

AMONG

TEXTILE SALESMEN

CHARLES D. PEASLEY.

(National Ring Traveler Co.)

Charles D. Peasley is a railroad South and secured a position with with them was one of efficiency and the National Ring Traveler Com- close attention to business. pany, of Providence, R. I., the larg-



CHARLES D. PEASLEY.

twister ring travelers in this coun-

try.

He was born at Richmond, Va., in that city.

His railroad work was in the man who sensed the future possi- clerical department of the Piedmont bilities in the textile industry of the & Northern Railway and his record

> About four years ago he accepted a position as salesman for the National Ring Traveler Company, with headquarters in Charlotte, devoting his time to the cotton mills of North Carolina and Virginia.

> When the National Ring Traveler Company realized that their growing Southern business required that a stock of travelers be carried in the South, Mr. Peasley assisted in organizing and establishing their store in Charlotte.

> He is now assistant to their Southern representative, C. D. Taylor, of Gaffney, S. C.

Although he has only been con-CHARLES D. PEASLEY.

nected with the textile industry for est manufacturers of spinning and four years, Charles Peasley has twister ring travelers in this coun-made a large circle of friends and is doing a large business.

He is younger than most of the August, 1897, but attended Baird's men on the road but is known as a Preparatory School at Charlotte and hard and steady worker, and has was married about two years ago in shown that he has a large measure of salesmanship.

DANIEL H. WALLACE. (Keever Starch Co.)

Dan attended the University of War.

Daniel H. Wallace, of Greenville, pany organization under Jas. H. C., was born at Union, S. C., in Maxwell and he has been with them ever since except during the World

Although married, having several children and being well above the age limit, Dan Wallace did not plead exemption when the World War began but promptly entered an officers' training camp and because of excellent work and personality won a captain's commission.

He graduated from the School of Fire for Field Artillery at Fort Sill, Okla., and the Cavalry Officers' School at Fort Sam Houston, Texas. and was commissioned a captain in the Seventh U.S. A. Cavalry

After the war he returned to his former position with the Keever Starch Company and divided the Southern territory with the late Jack Iler.

Nobody ever saw Dan Wallace with a grouch and because of his good humor and personality he is today one of the most popular men who visit the mills.

South Carolina and was engaged in The Keever Starch Company is several occupations until 1912, when located at Columbus, Ohio, and sell

DANIEL H. WALLACE.

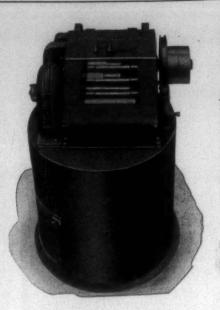
he joined the Keever Starch Com- starches exclusively.

Clark's Directory of Southern Textile Mills Contains Complete data relative to Southern Mills ocket Size Revised Twice Yearly Pocket Size

> CLARK PUBLISHING CO. CHARLOTTE, N. C.

Does Your Mill Clean Bobbins At The Minimum Labor Cost?

Hundreds of mills in the United States and Canada have reduced to a negligible expense the labor cost of cleaning bobbins. That the Termaco, for roving bobbins, is a paying investment everywhere installed is proved by the fact 40 per cent of our entire Termaco production is taken by mills already owning one or more of these machines. Hundreds of Utsman machines, for cleaning feeler bobbins, are substantially cutting cleaning costs in mills from Canada to Texas and from Sweden to San Francisco.



TERMACO Cleans 30,000 Roving Bobbins each working day

Bobbins Cleaned Better, More Quickly and Without Injury

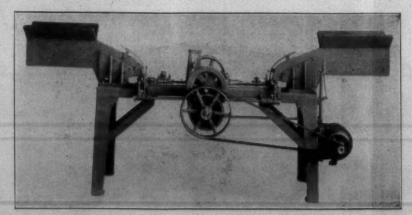
Roving bobbins, cleaned by the Termaco, and feeler bobbins, cleaned by the Utsman, have every bit of the waste removed from them without the bobbin becoming splintered or receiving the slightest injury—bobbins are kept in better condition and last much longer than is possible where they are cleaned by hand.

The Termaco and Utsman machines take the place of a number of people, by making possible more rapid cleaning. Where these machines are installed, there are none of the departmental delays of such frequent occurrence where the slow hand cleaning method causes other departments to wait for a supply of clean bobbins.

Termaco and Utsman machines are easily operated and of such simple and sturdy construction they give uninterrupted and perfect service. The annual operating and upkeep expense is but a small item.

Any mill, seeking to cut down operating costs, should carefully investigate the cost saving possibilities and the many advantages of cleaning bobbins with the Termaco or Utsman in place of the expensive hand cleaning method.

DOUBLE END UTSMAN--Cleans 80,000 Feeler Bobbins each working day. SINGLE END UTSMAN cleans 40,000 per day



OBTAIN THE FACTS

Find out what Termaco and Utsman machines are accomplishing for other mills. We can give you interesting data. Write for it today.

THE TERRELL MACHINE CO., INC. Engineering Dept. Charlotte, N. C.

General Supply Co., Danielson, Conn.
Representative for N. Y. and N. E.
(Complete stock of parts handled by Northern
Representative)

Every machine trademarked "TERMACO" is sold under a binding guarantee as to work-manship, material and operation.



International Textile Exposition.

(Continued from Page 8)

They will exhibit this year a new and very unusual feature - their Brilliant Ax Oils for textile lubrication, a full bodied oil of high lubricating value, free from staining qualities and perfectly emulsifiable, so as to be easily removed from tex-

Their several salesmen will be in attendance to explain the value and application of their products to those to whom they are not famil-

Hyatt Roller Bearing Company.

The Hyatt Roller Bearing Company will exhibit a large model of a Hyatt bearing, motor driven, demonstrating the construction and principles of operation. There will be smaller Hyatt bearings mounted in glass to show the self-oiling action. A complete line of Hyatt bearings for textile machinery of all types will be shown, together with replacement boxes for quickly and economically applying Hyatt bearings to textile machinery already in operation. Hyatt bearings for line-shafts will also be shown.

Scott & Williams

consist of their newest automatic trial painting. machines, including the Model HH, except for the looping of the toe, Model R-I, making a ladies' ribbed stocking complete, except for the unique souvenir. looping of the toe, and they also Carbic Manufa will show their automatic Model K

stocking with fashion seam and acetylene generator for welding and fine fashion marks.

hibit, also several attachments for etc. making fancy work.

In addition they will exhibit one their underwear machinery for ribbed fabrics.

W. T. Lane & Brothers.

show at the International Textile Exposition at Boston a number of styles of the Lane Patent Steel Frame Canvas Mill Baskets and Trucks.

processes in the various kinds of textile mills, and will embody developments and improvements, the result of twenty-five years' study of the needs of the mill men.

U. S. Gutta Percha Paint Company. The U.S. Gutta Percha Paint Company, in accordance with their usual custom, will display Barreled

Sunlight-The Rice Process White. Extra features of their exhibit will be photo-micrographs of different paint finishes, oil vials showing the difference in oil used in the paints, sample boards, free samples The Scott & Williams exhibit will pertaining to every phase of indus-

The manufacturers extend a corwhich makes a half hose complete, dial invitation to everyone visiting the exposition and hope they will all call around and take away a

Carbie Manufacturing Company.

cutting on the market, and also car- used in S K F marked ball bearings. All various gauges will be on ex- bic apparatus consisting of torches,

Keystone Refractories Company

Keystone Refractories will exhibit Dura-Stix, the high temperature bonding mortar for fire-brick, as well as granular refractories which W. T. Lane & Bros. expect to they manufacture, namely, Crun-

F. A. Lazenby & Co.

A. Lazenby & Co.'s exhibit will These will be adapted for all be in the nature of a reception place for customers and friends who may attend the exposition. They will have no running machinery, but will have photographs, samples and other data which is interesting, and will specifically emphasize Automatic Double-Head Bobbin Winder, which will have its first public announcement at that time.

Their exhibit will be in charge of Samuel S. Shriver and J. D. Laz-

S K F Industries.

The S K F Industries will exhibit in nufacture of different white at the Textile Machinery Show, occupying space No. 36. A range of to those interested and literature Hess-Bright deep-groove ball bear-pertaining to every phase of indus- ings, Skayef self-aligning ball bearings and transmission equipment, special housings for textile machinery and Atlas balls of steel, bronze F. H. Emerson, of the Boston office, and special metals will be shown.

This exhibit is to cover the Carbic process operations of the bearings

machine making a plain ladies' line, consisting of their portable and balls will show to advantage the workmanship and materials

> The headquarters will be at the Copley Plaza Hotel and the following men plan to be in attendance: W. L. Batt, president; S. B. Taylor, assistant to president; R. H. De-Mott, general sales manager; W. H. Holby, manager textile department; H. A. Fonda, district manager; G. E. dumsand, Steel-Veneer and Key-Clark, sales engineer; A. B. Studley, Frax, which are used for furnace sales engineer; E. G. Ogren, sales engineer; R. C. Byler, advertising manager.

Oxweld Acetylene Co.

The Oxweld exhibit will contain an assortment of Oxweld welding and cutting apparatus of the type extensively used in textile mills.

They are publishing a special bulletin for distribution at the exhibit which describes the applications of the Oxweld process in textile mills and which shows a number of pictures of actual textile mill parts and

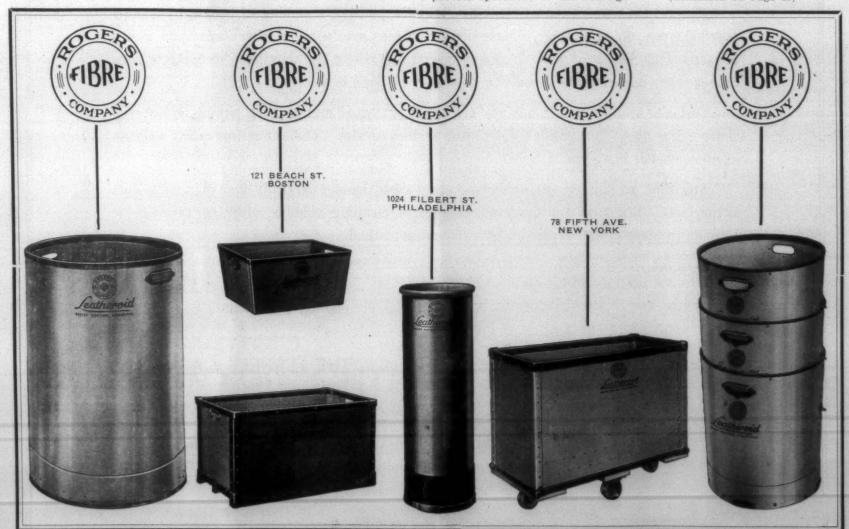
Other exhibits of a technical nature and pertaining to the use of the Oxweld process in the textile industry will also be exhibited.

Celite Products Co.

The Celife Products Company will have an exhibit of Sil-O-Cel heat insulation at the power shop held in conjunction with the Textile Exposition at Boston.

The exhibit will be in charge of and the exhibit will include all Sil-Unique models demonstrating the O-Cel heat insulation products, anti-friction qualities of ball bear-brick, C-22, block, powder, C-3 conings will instruct and amuse, while crete, cements. There will be a

(Continued on Page 16)



HOLMES MANUFACTURING CO New Bedford, Mass.



Distributor Service

BOSTON, MASS. Lewis E. Tracy Co.

CHARLOTTE, N. C. Charlotte Supply Co.

FALL RIVER MASS. Wm. F. Harticon

HOLYOKE, MASS. J. Russell & Co.

ROCHESTER, N. Y. F. P. Van Hosen Co.

SYRACUSE, N. Y. Alexander Grant's Sons & Co.

UTICA, N. Y. American Hard Wall Plaster Co.

WOONSOCKET, R. I. Pinault & Choquette

Holmes Manufacturing Company New Bedford, Massachi setts

To Improve Light Reflection

I N the making of fancy combed and mercerized yarns, good light is indispensable.

That is why the interior of the Holmes Manufacturing Company plant, pictured above, is painted throughout with OJACO Mill White.

And now—the walls and ceilings of every room in this modern textile mill properly reflect abundant light—on men, machines and materials.

For further details concerning the effectiveness and economy of OJACO Mill White for all textile mill interiors, consult the nearest OJACO distributor listed opposite, or write to us direct.

Oliver Johnson & Co., Inc.

Paint Makers since 1833 PROVIDENCE, R. I.

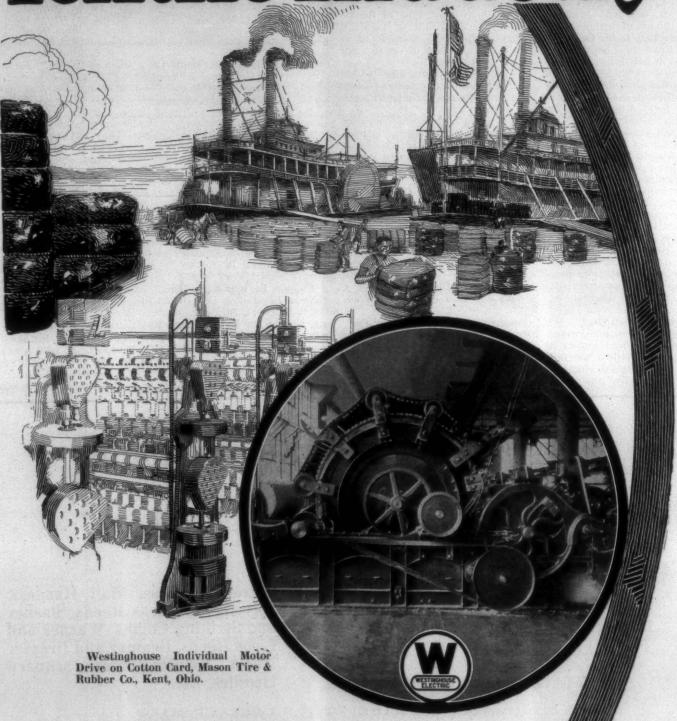


Electrifyingthe



Westinghouse

Textile Industry



Westinghouse

International Textile Exposition.

(Continued from Page 12) blow torch test of the impenetrabil- weaver's knotter, which will no ity of Sil-O-Cel to heat flow. This doubt be of great interest to the test consists of a flame from a blow torch being directed on a Sil-O-Cel brick continuously and permitting observers to feel how cool the reverse side of the brick is. There will also be a typical furnace wall

three models of belt lacers, belt fasteners, twisted rawhide pins and fibre waterproof pins, will be showr A new product of the company is band saw. This is their latest addition to their line.

Another of their machines which Perfection Grate and Supply of belt leather tanning as well as Company will show a full size Perture with These pictures will be projected an Ideal Soot Blower, which is an on a ground glass screen and will been recently added to their line, They and which will cut and square any Junior handle. Clipper rustproof hooks also should be mentioned. These hooks are recommended for use where the regular Clipper hooks show corrosion due to moisture or acid fumes.

They expect to exhibit their Clipper moving belt display, which is constructed entirely of aluminum. All moving parts runs on ball bearings; therefore, the display is practically noiseless. It has attracted a great deal of attention wherever exhibited.

Barber-Colman Co.

This is practically

equipment they which will no of various gauges. mill men.

Blackstone Valley Comb Works. Blackstone Valley Comb Works operate in cowill exhibit all kinds of Half Laps trimmed knife, and Top Combs.

They will a

Racine Tool & Machine Co.

laid up with firebrick, Sil-O-Cel insulating brick, and red brick to exhibit their latest type of Racine High Speed Metal Cutting Machines, including the No. 5 machines. The full Clipper line, consisting of inch capacity, motor driven through etc silent chain drive.

make of belting up to six inches in which is a portable metal cutting tached to front end of boiler. width with a light pressure on the machine of great efficiency and of **Wing & Evans, Inc.** moderate size for the average small

The Bristol Co. of
The Bristol Company will exhibit try
working models of temperature A control apparatus and recording instruments, recording instruments for temperature, humidity, tenter frames, dryers, burners, calender rolls, etc. The Bristol Steel Belt Lacing and Bristol Safety Screws will also be placed on exhibit.

Southern Textile Machinery Co. Barber-Colman Company expect Southern Textile Machinery Com-to exhibit one of their Automatic pany will be represented there by Spoolers equipped with a weaver's their president, G. A. Flournoy, and These exhibits will be located knotter and a high speed warper. the chief of their service depart- the main hall, Spaces 32 and 33. the same ment, Robert N. Parkins.

exhibited at the gentlemen will be in charge of their ception that they now have the or five Wright Steady Dial Loopers

operate in conjunction with the actual operation.

ing of needle gauges, peaning tools,

Perfection Grate and Supply Co.

They will also show their Rachine automatic blower for blowing tubes be very instructive and interesting. 4-inch capacity machine, on H. R. T. boiler, same being at-

Wing & Evans, Inc.

of alkali used in the textile indus-

Application of this product from products. various processes will be shown and technical service men will be in at- structed of wide belts of various tendance to answer inquiries as to widths. the use of alkali in the textile industry

Thomas Leyland & Co., Inc. Thomas Leyland & Co., Inc., will exhibit Sutchers, Straight and Antrines, imported and domestic

The Graton & Knight Mfg. Co.

The Graton & Knight Manufac-Boston Show in 1921, with the ex- booth and will have on display four turing Company will have a running exhibit 41/2x5 feet, which apparatus will be constructed of steel and will These loopers will be their latest contain the various types of drives model and contain and improved used for power transmission by Ball Joint Trimmer and packer to belting. These drives will be in

They will also have a display rack for the showing of samples of several looper specialties, consist- their various leather products their various leather products, as well as the various parts of leather knife grinders, looper stands, variabelting and whole leather manufac-ble speed split pulleys, adjustable tured by them. They will also have thread stands, examining boards, an automatic baloptican which will be in continuous operation and will show pictures of the entire process

They will have, in addition to this, various samples of leather products, particularly those pertaining Wing & Evans, Inc., will exhibit to the textile trade, so that visitors in Space No. 428 their various forms may have an opportunity of examining the same and obtain considerable knowledge of these particular

They will also have pyramids con-

W. O. & M. W. Talcott, Inc.

W. O. and M. W. Talcott, Inc., will exhibit in Space No. 254 of Dept. F, a full line of samples of the Talcott Wilson belt fasteners for single gular Guides, the Mylock Regulating leather, light double leather, me-Cloth Expander, Gums and Dex-dium double leather and triple dium double leather and leather belts, with a sample fasten-These exhibits will be located in ing in a 30-inch double leather main driving belt.

Also the Talcott combination belt

Let Us Fill Your Requirements

You are assured of complete satisfaction in all your dealings with us.

The quality of our products and the service we render are alone responsible for our growth. Emmons Quality Loom Harness and Reeds have retained every old customer and gained new customers year after year.

Write us for estimates on your needs

Cotton Harness, Mail Harness, Selvedge Harness, Reeds, Slasher and Striking Combs, Warper and Liece Reeds, Beamer and Dresser Hecks, Mending Eyes, Jacquard Heddles, Etc.

EMMONS LOOM HARNESS CO., LAWRENCE, MASS.

SOLE AGENTS FOR WARDELL PICKERS

The Largest Manufacturer of Loom Harness and Reeds in America Southern Representative: GEO. F. BAHAN

LOOM HARNESS EMMONS



FAST TO LIGHT DIRECT COLORS

Pontamine Fast Pink BL Pontamine Fast Yellow 4 GL Pontamine Catchechu B, G and 3 G Pontamine Fast Red 8 BL Pontamine Fast Blue RL Pontamine Fast Black L N

It is possible to obtain, with these dyestuffs, a wide range of shades suitable for use where the finished fabrics must satisfactorily withstand exposure to strong light.

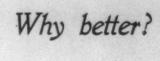
E. I. du Pont de Nemours & Co., Inc.

Dyestuffs Department DELAWARE WILMINGTON,

Branch Offices:

Boston Providence Philac
Charlotte, N. Car. Greensboro, N. Car.
Watertown, N. Y.





"HAWK" STARCH possesses all the advantages commonly associated with a thin boiling starch-greater penetration. less shedding and stronger

"HAWK" STARCH is used by progressive mills because of its additional advantages, seldom found in other thin boiling starches:

- Actual Uniformity
- Freedom from dirt, or other foreign matter.
- Strength.

Ask us to send a technical manwithout obligation.

STEIN, HALL&CO,, INC. GI BROADWAY, NEW YORK.

> PHILADELPHIA PROVIDENCE CHARLOTTE, N. C. CHICAGO BOSTON

hooks for silk mills, knitting mills Philadelphia Drying Machinery Co. and light drives over small pulleys. The Philadelphia Drying Machin-They will also show samples of the ery Company intend showing a Talcott Clinching belt fasteners for model of the well-known "flurrirubber, woven and all kinds of fabric belts, including a new line of belt fasteners which they have carbonizing equipment and samples made especially for fastening con- of various parts of htese machines. veyor belts of rubber, leather or This exhibition will be held under fabric up to 60 inches wide and one the auspices of their New England inch thick.

They will show a line of their Acme steel belt hooks for patching torn and weak places in leather or fabric belts, together with sample fastenings in various kinds of belt-

There will also be an exhibit of many tests which have been made many tests which have been made . This company will exhibit their showing the breaking strain and line of regulators for steam, water comparative strength of various and air. types of belt fasteners

Eastern Salt Co.

samples of the various grades of salt they manufacture and mine and there will be an ample supply of reading matter covering the various uses of salt, in addition to which they will have competent men in charge of the exhibit to explain to those interested in the textile business why certain grades of salt are more desirable than others for use by the textile trade.

The Permutit Co.

The Permutit Company will occupy Booth No. 435. The principal and most interesting exhibit of the company will be a model of water softening and filtering equipment such as is used in textile mills. This model is about four feet long and is made exactly to scale after the design of a large commercial unit that delivers 100,000 gallons per day. Even the small pipes and strainers in the interior of the water softening tank have been reproduced in miniature and the model represents a very striking and clever piece of workmanship.

The Permutit exhibit will be attended by M. F. Corin, of Philadel-phia; F. D. West, of Albany; E. L. Root, of Boston, and A. T. Smith and R. W. Epple, of the New York office.

John Hetherington & Sons, Ltd. John Hetherington & Sons, Ltd., will exhibit their new Nasmith Twin Comber, together with one small model which will show the mechanism of the nipper and feed in the in increasing the production from new Twin Comber.

F. S. Payne Co.

freight elevator machine with mo- the manufacturer. tor and control apparatus.

In addition to this they will have electric dumb-waiter which will include a car and improvised hoistway with the apparatus in complete operation.

S. A. Woods Machine Co. A. Woods Machine Company's exhibit will consist of one motor and mill waste coagulant, will also section so put up as to be operative, be shown. the size required to operate looms, spinning frame motors of the ventilated type and motors for four frame drive. There will also be parts of motors showing construc-

Atlas Plywood Corp.

bition will consist of Atlas Plywood Packing Cases.

cane" Automatic Yarn Dryer, also photographs of continuous agents, the Hurricane Engineering Company of Massachusetts, of whom E. L. Smith is managing director.

Morris & Co., Inc.

Morris & Co., Inc., will exhibit Morris Duck Mill Baskets in Spaces 540-544.

Mason Regulator Co.

Morse Chain Co.

The exhibit of the Morse Chain Eastern Salt Company will exhibit Company will be found at their usual location in department A at Spaces 77 and 78. They will have on exhibit a full line of chain samples and photographs of installa-tions in cotton mills and there will be in attendance representatives of this company qualified to give expert egineering advice on transmission problems.

This company will also show as the main part of their exhibit a spinning frame and with motor and chain drive in place, mounted on an improved type of bracket designed particularly for application of individual motors and chain drives to old spinning frames such as are now running in many textile mills throughout the country and which have proved entirely successful in

A 100 H. P. silent chain drive will be in operation by a quarter horsepower motor with rotoscope attachment to clearly show the rocker joint action as the chain enters and leaves the sprocket, also clearly displaying the broad bearing surface between the rocker and seat pins that carry the load between sprockets.

This exhibit should be particularly interesting to cotton mill engineers, as it illustrates a practical method of equipping old spinning frames and twisters with individual motors and chain drives and results these frames to the maximum that can be obtained for any given count F. S. Payne Company will display of yarn from the latest type of new completely assembled electric motor driven frames supplied by

Seydel Chemical Co.

The Seydel Chemical Company completely assembled automatic will display its regular line of Sizol products for warp sizing and piece goods finishing, products for rope and twine making and finishing, thread polishing, cotton softeners

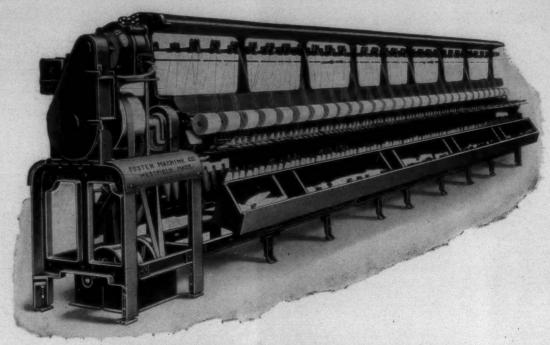
for piece goods and hosiery.
"Coalgol," the new water clarifier

Their booth will be No. 511-Dept. F.

American Moistening Co.

The American Moistening Company's exhibit will show their various types of humidifying equipments and accessories therefor, spe-This exhibit at the Textile Exhi- cializing in our Simplex type of humidifier, the latest contribution to the science of humidification — a

Manufacturing Ply Yarn



MODEL TWENTY-FIVE DOUBLER-MOTOR DRIVE

Foster Doubling for Twisting draws supply from spinning bobbins as shown above, the clearing being done in the Doubling Operation, or draws supply from cone or tube after a first clearing process. The best method to use is determined in each case by the quality of the yarn, the grade of goods to be manufactured from the yarn, and also at times by operative conditions.

The Foster Single and Two Process systems of Doubling will be shown with the Foster Machines at the International Textile Machinery Exposition, Mechanics Building, Boston, Mass., Oct. 29th to Nov. 3rd.

Foster Machine Company

WESTFIELD,

- MASSACHUSETTS

JOHN HILL, Southern Representative

Healey Building, Atlanta, Ga.

Fred H. White

Charlotte, N. C.

The Stafford Company

Shuttle Change for all Fabrics Automatic Looms Bobbin Change Dobbies

Curtis & Marble Machine Company

Cloth Room Machinery
Sewing Machines
Brushing Machines
Folders and All Cloth Room Machinery

Dunning & Boschert

Baling Presses
Screen Presses
Knuckle Joint Presses
Hydraulic Presses in all sizes
and for every class of work

Blocker-Gregory Company

Boxes, Trucks
Roving Cans, etc.
also Warpers
Slashers, etc.

Fred H. White

Charlotte, N. C.

Cooks Vacuum Card Stripper

Over 600 Mills Equipped

Delahunty Dyeing Machine Company

Revolving raw stock Dyeing Machines
Vacuum Type Raw Stock Dyeing Machines
with round or square tanks,
with electric unloading equipment
Beam Dyeing Machines
for one, two, four or six beams
Beam Bleaching Machines for 1-2-4-6 or 8 Beams

Tolhurst Machine Works

Hydro Extractors 26", 32", 40", 48", 60" belt, engine or motor driven over or under driven

C. G. Sargents Sons Corporation

Raw Stock Dryers
all sizes, lengths and Widths
for cotton or wool
Yarn Conditioning Machine
Wool Scouring Equipment

BETTER CARD CLOTHING

for

Cotton, Woolen and Worsted Cards

NAPPER CLOTHING

for

All makes of machines and types of cloth

HEDDLES FOR WEAVING

Tempered Steel and Domestic Iron wire heddles

Manufacturers of the

MIDGLEY IMPROVED HAND STRIPPING CARD

The best card on the market and at the same price as old style wooden back

Call on us when in Worcester Our factory adjoins Union Station

HOWARD BROS. MFG. CO.

Established 1866

Home office and factory
44-46 Vine Street, Worcester, Mass.

Southern Branch Factory, Atlanta, Ga.

See Our Exhibit

Spaces 54-55

THE HOUGHTON LINE

HE HOUGHTON LINE is a little publication mailed only to individuals on re-It contains 24 pages of editorial matter, which is the expression of the personal opinions of our President, Chas. E. Carpenter. Not one word of these editorials refers to the Houghton Products, and they seldom refer to technical subjects.

It is rarely that a reader agrees with all of Mr. Carpenter's opinions and it sometimes happens that some reader disagrees with all of them. They are upon topics in general, likely to interest those not afraid of an idea.

There are also 24 advertising pages, which are devoted to a HEART TO HEART TALK. by Mr. Carpenter, with the reader, on technical subjects pertaining to the Houghton Products and their uses. This Talk is highly instructive and interesting.

The HOUGHTON LINE is not a house organ, in the sense that house organs are usually understood, but a publication so unique that over 95,000 practical mill and shop men are upon the mailing list, at their

The HOUGHTON LINE is completed in every detail within the Houghton organization. By that we mean that the copy is created by Mr. Carpenter outside of business hours and away from his office; the composition is done upon our own Monotype machine; the printing is effected on three of our own large cylinder presses and the binding is accomplished in our own bindery.

The influence of the editorial pages has

become so great that the HOUGHTON LINE has been the subject of editorial comment by such well-known publications as The American Magazine, Printers' Ink, System, The Printing Art, and the leading publications devoted to advertising, and it is largely and generally quoted and commented upon by the daily press and technical press throughout the industrial nations of the world.

The annual appropriation to cover the expense of publishing the HOUGHTON LINE is \$100,000.

Any regular subscriber to the Southern Textile Bulletin may receive the HOUGH-TON LINE regularly by filling out the cou-

We want to warn you, however, that Mr. Carpenter's editorials are fearless and will more than likely differ from your viewpoints on many subjects. But, it has been our experience that in these days of broadmindedness, most folks like to read opinions which differ from their own.

Mr. Carpenter welcomes unlimited criticism of his editorials and you can have the fun of writing him what you think of his editorials where you take exception to his

Take our advice and get on The LINE Mailing List.

COUPON

Name of Individual_ Name of Mill_ Position of Individual_ Street and Number _ Town and State _

E. F. HOUGHTON & COMPANY

Works: Philadelphia-Chicago

GREENSBORO, N. C. GREENVILLE, S. C. ST. LOUIS, MO.
P. O. Box 81 511 Masonc Temple 418 N. 3rd St.
Phone: 1990 Phone 2316 Phone: Olive 3559
ston, Mass., Buffalo, N. Y. Cincinnati, O., Cieveland, O., Davenport, Ia., Denver, of tford, Conn., Indianapolis, Ind., Kalamazoo, Mich., Los Angeles, Cal., Milwaukee, Wis., N. M., Portland, Ore., San Francisco, Cal., Seattle, Wash., Syracuse, N. Y., England, Australia, Norway, Spain, Belgium, Japan.

energy of the control of Oils and Leathers for the Textile Industry TO THE TENT OF THE type humidifiers, automatic humid-

Frank B. Comins will be in attendance with H. B. Bradford, M. F. Guill and R. C. Ulbrich.

Tolhurst Machine Works.

The Tolhurst Machine Works, specialists in centrifugals or hydroextractors for all purposes, will have their headquarters and exhibit in Booth No. 58 on the show floor of the Mechanics building, Boston.

They will have on exhibition and in operation a 48-inch direct motor driven self-balancing Tolhurst Exspecially constructed to meet the requirements of the textile and allied industries. The basket will be made with a bronze top ring, perforated copper side sheet bound with wrought iron hoops, cast iron basket bottom covered on the inside with sheet copper and all inner copper surfaces of basket will be

The machine will be protected by full automatic guards, which allow a good view of the basket and contents while the machine is in motion. The extractor cannot be started until the guards are closed, nor can the guards be opened until the extractor has come to a complete

hurst timer will be of special interest to all visitors, as the device is simple, light, sturdy and fool-proof, and its application to any self-bal-ancing Tolhurst extractor makes extractor makes the operation of the machine practically automatic. The timer defioperator from his other duties by a processes the fastness of American benzoic acid and coumarin. They prove very interesting tringing bell and a lighted light. On dyes. Numbers of cotton dresses will also have on hand literature of winding machinery.

consumes practically no power. The washed repeatedly, some of them as other industries. ity and temperature control, and only power consumed is that used many as fifty-five times. How the "dewing machine" or fabric damp- for ringing the bell and lighting the dyes stand up after these repeated J. light and the brake which the timer sets on the direct motor driven machine is of the self-locking band type and consumes no power.

> also have on exhibition one of their patented centrifugal automatic mo-These pulleys tor clutch pulleys. These pulleys are for use when the extractor is driven by an individual motor located in place of the regular countershaft. This pulley allows the use of motors with lower rating and insures smoother and more satisfacoperation of the Acceleration is smooth and rapid, Belt slip is eliminated. Belts therefore wear longer. The motor may be thrown directly across the line, because it is allowed to start at no load and jumps almost instantly to from 90 to 95 per cent of full load speed. This does away with the necessity of complicated starting equipment and therefore reduces initial cost.

Another important feature of the pulley is the fact that its use allows customer to use a standard stock motor in place of the spe-cially wound high starting torque elevator type motor formerly used.

The Tolhurst Machine Works will The extractor will be equipped be represented at the International with the Tolhurst timer. This Tol- Textile Exposition by their sales manager, R. K. Cheney, their industrial engineer, T. M. Stuart, John McKeown and E. R. Rhodes.

E. I. du Pont de Nemours & Co.

In connection with the Interna-

"one-pipe" system—gravity supply, the direct motor driven type of have been made up in duplicate. describing the Mathieson hypono water pressure required; other machine, the timer also applies the One set of dresses remains as origical chlorite process for refining gasoline features of the exhibit being our brake. The timer is of special in-nally dyed, while the other set, and kerosene and booklets covering atomizer system, high duty spray terest because of the fact that it duplicates of the first, have been the uses of Mathieson products in washings can be seen when the R. washed dresses are compared to those which were not put through pe and consumes no power. the laundry. A washing machine The Tolhurst Machine Works will will also be installed in the booth and the washing process carried out during the exposition so that visi- will display their line of roller tors may see how American dyed leather at Booth No. 151a at the goods actually stand up, in so far as International Textile Exposition. color fastness is concerned, while Henry H. Hersey will be in charge being put through laundry proc-

Fast colors on woolen goods will also be shown.

The J. B. Ford Co.

The following representatives of the J. B. Ford Company, manufacturers of Wyandotte textile soda, Wyandotte concentrated ash, and Wyandotte kier boiling special, will under which Alligator will stand up be in charge of Booth No. 431, Dept. E. at the International Textile Exposition, to be held in Boston, October 29 to November 3: F. S. Klebart, of the Wyandotte office; F. S. of Boston; J. F. Flaherty, Providence, and J. A. Morris and J. W. Turner, of Philadelphia.

The Mathieson Alkali Works, Inc. be Nos. 206, 207 and 208, the same space occupied by them at previous midity regulators. Chemical Expositions, and on this

They will exhibit their model bleach plant for paper mills, show- space for greeting the many friends ing the preparation of bleach liquor that they have in the industry will from liquid chlorine by the Mathieson system. They will also have in their booth their 100 and 150-pound tional Textile Exposition, to be held cylinders of liquid chlorine, samples

In charge of the booth will be: W. Boyer, manager of sales, and J. Quinn, assistant manager of sales, assisted by E. E. Routh, W. D. Marshall, J. B. Peake and Philip De Wolf, district sales managers.

A. C. Lawrence Leather Co.

Lawrence Leather Company of this exhibit.

Flexible Steel Lacing Co.

A very unique operating display of belts laced with Alligator Steel Belt Lacing has been arranged for the Boston Show (Booth 39). laced with Alligator is shown running over a right hand angle drive, illustrating the severe conditions and give satisfactory service

The company is also exhibiting its full line of Flexco High Duty Belt Fasteners and Flexco-Lok Lamp Guards.

Parks-Cramer Co.

It is the present plan of the Parks-Cramer Company to exhibit The Mathieson Alkali Works, Inc. in operation one of the Centrifugal The Mathieson Alkali booths will humidifiers under the control of one of their standard Type "H" hu-

In addition to that they will have space they will have erected a spe- other pieces of apparatus not in cial booth. ments have been made. Adequate also be available.

Universal Winding Co.

The Universal Winding Company the operation of the machine practional Textue Exposition, to be need cylinders of rights of the machine practically automatic. The timer defi- at Boston towards the end of Octo- of caustic soda, soda ash, bleaching sive, and have several important nitely times the period of extraction, ber, the du Pont Company plans an powder, modified Virginia soda, bi- features in the line of improvements shuts off the power and calls the exhibit which will show by actual carbonate of soda, benzoate of soda, of winding apparatus which will show by actual carbonate of soda, benzoate of soda, of winding apparatus which will show by actual carbonate of soda, benzoate of soda, of winding apparatus which will show by actual carbonate of soda, benzoate of soda, of winding apparatus which will show by actual carbonate of soda, benzoate of soda, benz will occupy Spaces 111 to 116, inclu-They prove very interesting to the users

VICTOR MILL STARCH - The Weaver's Friend



It boils thin, penetrates the warps and carries the weight into cloth. It means good running work, satisfied help and one hundred per cent production.

We are in a position now to offer prompt shipments.

THE KEEVER STARCH COMPANY

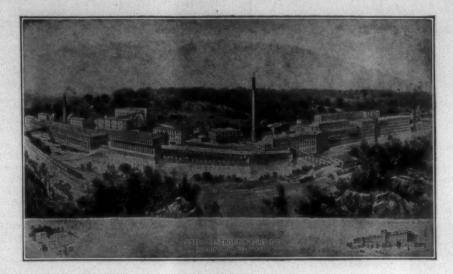
COLUMBUS, OHIO

Southern Representatives:

James H. Maxwell, Greenville, S. C. Claud B. Her. Greenville, S. C.

D. H. Wallace, Greenville, S. C.

Joseph Bancroft 1831 Joseph Bancroft & Sons 1865 Joseph Bancroft & Sons Co. 1889



JOHN BANCROFT President JOSEPH BANCROFT Vice-President JOHN MACADAM Vice-President R. O. COOKE Treasurer

Joseph Bancroft & Sons Company

WILMINGTON, DEL.

Bleachers, Dyers, and Finishers

of

Cotton Piece Goods

BETTER NON-FLUID OIL LUBRICATION

Are you Lubricating on the "Fourth Drop"

E XPERT observers declare that three drops of fluid oil out of every four fed to bearings either never reach the bearings or else pass through and drip away unused.

Every drop lubricates, if you use



Modern Textile Lubricants

that won't drip or waste away.

N ON-FLUID OIL stays in the bearing—every drop is used-insuring more perfect because more continuous lubrication and since each application lasts so much longer than liquid oil-

NON-FLUID OIL costs less per month for better lubrication

And oil stained product is practically abolished-NON-FLUID OIL stays in the bearing and off the cotton.

New York & New Jersey Lubricant Co.

401 Broadway **New York**

Southern Agent, L. W. Thomason Charlotte, N. C.

Ample Stock Always At Our Branches

Charlotte, N. C. Greenville, S. C. New Orleans, La. Atlanta, Ga.

& N. J Lubricant

Please send testing Samples and Bulletin on "Lubribation of Textile Machinery" to

Name

Address.

S. T. B. 10-25-23

AT LESS COST PER MONTH

recently been giving careful attention to the winding and creeling of wrrapped in tissue paper, and bearwarp yarn, and this process will be ing a card with the compliments of illustrated in their exhibit spaces the Alabama Power Company will with wniding machines, warper creel and warper in practical operproved attachments designed to secure economy in operation and eliminate waste of time and mate-

Steel Heddle Manufacturing Co.

This company's line of loom harness for every texture will be exhibited together with a Stafford loom running pillow tubing, for which their duplex loom harness is espe cially adapted, due to the fact that latent possibilities. cotton harnesses have been used exclusively. They have exhibit will occupy centrally located succeeded in the making up of a booths Nos. 516 and 517, each of harness which they claim will far exceed the cotton heddle, due to the ness on this particular fabric. turers of the East and South to a great extent, as a great many of them do not believe that a flat steel heddle harness, nor any other type except a cotton harness, is able to run on this class of goods.

The Forbes Lithograph Mfg. Co.

This exhibit will consist of specimens of lithographed advertising material, original paintings and reproductions and color advertising matter of a wide variety.

Reading Steel Casting Co.

Reading Steel Casting Company will exhibit a Pratt & Cady line of brass and iron valves which is suitable for all saturated steam services and general service piping in textile and other lines of welfare work plants. Also a line of cast steel fit-tings and cast steel gate valves have a superheated power plant in connection with their mills.

Davis & Furber Machine Co.

to 162 and will show in action a 60x 60-inch set of woolen cards, equipped with a single apron tape condenser, delivering roping to a 240spindle, two-inch gauge mule, and a These machines are electrically driven and of the most modern

sample cards, a 48-inch Burr picker, a double apron tape condenser and card clothing machine producing fillet clothing.

The sales force will be at the exposition for the entire week, and would appreciate the privilege of meeting any mill men at that time.

The Ashton Valve Co. This concern shows in Space 330, the following: Pop safety and relief valves, gauges and kinded instruments, master pilot gauges.

The following will be in charge of e exhibit: Harry H. Ashton, Wm. the exhibit: Harry H. Ashton, H. Hampson, Horace W. Rand.

Alabama Power Co.

A comprehensive exhibit of the textile manufacturing advantages of Philadelphia, Pa., Boston, Mass., and Alabama will be presented by the Greenville, S. C., will display their Alabama Power Company at the Ingeneral line of machinery special-ternational Textile Exposition.

(Continued on Page 24)

Five thousand cotton bolls, each be distributed to visitors. book on the textile industry in the ation. There will also be shown State, prepared especially for the several of their regular types of expositions, which incorporates an machines, but with new and im- analytical study of manufacturing advantages and operating costs with an historical sketch of the growth and development of textile manufacturing in the State since the establishment of the first cotton mill in 1820, will also be given away. This handbook is designed to acquaint textile manufacturers in other sections with present day tex-tile operations in Alabama and their

The Alabama Power Company's A large map which are 10x20 feet. of the State, 54x86 inches, will be fact that the great breakage and the central feature in the booth. loss of production has been over- This map will show the power facome with the using of their har- cilities, location of hydro-dams and the control of hydro-dams and the control of hydro-dams. No steam plants, sub-stations, transdoubt it will interest the manufac- mission lines and cities served with power; present textile mills; extent and availability of the labor supply; elevations of sites adapted to textile pursuits and other graphic side-lights on textile manufacturing conditions in the State.

At the left of the Alabama Power Company's booth, an automatic stereopticon machine will flash on ground glass, a continuous series of views, each pertinent to the textile industry. Interior and exterior photographs of well appointed cotton mills in different parts of Alabama's Piedmont section will be shown with slides of model mill villages to illustrate the advance which has been made in housing conditions

On the right of the booth there will be a wing stand containing which will be of particular interest number of maps, each designed to to those textile plant operators who present a particular phase of textile manufacturing. A map of the United States will show by radius lines at intervals of 50 miles, the trade This exhibit will be in Spaces 155 territory and population served in 162 and will show in action a 60x various circumscribed areas from Mass., and from Birming-Boston, ham, Ala.; another will record the maximum and minimum temperatures in the leading textile centers 36-roll, 80-inch napper for woolen of the country; a map of the Southern States will outline the extent describe the topographical pe. characteristics of the famous Pied-They will exhibit one of their mont plateau and the altitude of the leading cities within its area: maps of the State will give the tax rates in each county, counties offering tax exemptions, power resources in detail for Alabama, coal areas and iron deposits. The map devoted to this latter is designed to point the way to existing opportunities for the manufacture of textile machinery in the State.

The Alabama Power Company's exhibit will be in charge of T. D. Johnson, of the Commercial Department, and E. T. O'Connell and W. J. Baldwin, of the Publicity Department.

Building

Going to Augusta

By David Clark

some traveling man and renew acquaintances at the mills while he the mill was idle due to the power makes his tour.

We therefore accepted the invita-tion of Walter B. Pratt to drive with him to the Augusta meeting of the Southern Textile Association and visit the mills on the way there.

Buick in which we made a trip about a year ago. It does not shine quite as much but runs like it was

We left Charlotte at 10 o'clock on Wednesday, October 10th, intending to go by way of Rock Hill, but as we expressed a desire to see our old friend, Ralph Webber, at Clover, we changed the route and went across the new bridge on the York road. After we left the North Carolina side of the river we encountered the roughest roads that we have seen in many days but finally reached Clo- credit to any small city.

We found Ralph Webber in the lage bottom of a pit installing a fire pump that looked large enough to flood Charlotte, but he quit his job and took us to see his new mill, the Leaving Winnsboro late that Hampshire Spinning Company, and afternoon, we drove to the Jefferson we can testify that it is some mill. Hotel at Columbia for the night.

was designed by J. E. Sirrine and is of concrete construction with abundant floor space and plenty of

It will make two-ply ball warps for mercerizing trade and every-thing possible has been done to produce yarn free of slubs.

An interesting feature is a slub of the Southern Textile Association, catcher invented by Ralph Webber While we were there P. A. Smith, and attached to the tension devices

of the Foster winders.

All of the transfer of roving and yarn is done over Standard Conveyors which are something new in

Southern mills.

The machinery installation has As Pink Hamrick and not been completed but part of the Pratt had to swap jokes, is sometime before we told

We did not have time to go through the Hawthorne Spinning Company but enjoyed our short low water in the river visit at Clover.

pushed on through to Winnsboro, knew that it would take most of the afternoon.

Arriving at Winnsboro, we found with looking after some matters in the mill village but we sent for him and

he gave us a great welcome. We went through the mills and After leaving Columbia of can testify that the new mill constructed by Lockwood, Greene & Co. In the office we found S.

is a wonder. We were shown over the mill, including the testing laboratory, which lumbia, the Lexington Mill and the is in charge of S. A. Roane and Amos Saxe-Gotha Mill at Irene, all of Johnstone.

They have a conveyor system similar to the one at Clover; in fact have two different kinds of convey-

done from beams and they have a half hour with them.
worked out many improvements on the usual beam twisting process.

Our next stop was at the Middle-the usual beam twisting process.

(Continued on Page 42)

Nothing gives us more pleasure Returning to the office we met than to get in the automobile of O. C. Scarboro, Jr., W. H. Hadaway, some traveling man and renew ac- Mr. Kirkland and Mr. Searcy. As company being short of water, these men who are active in the operation of the mill were standing around the mill office.

We were taken to a building in which a trained nurse looks after Walter has the same dressed-up the health of the village. On certain afternoons there are dentists and doctors for the convenience of the mill operatives. All operatives are given physical examinations and an effort made to correct any deficiencies.

> These mills also have a splendid community store which is operated at cost.

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We intended to leave Columbia early next morning but decided we could not go by without seeing W. P. Hamrick, agent of the Hampton Division of the Pacific Mills.

We found Pink in his office with his superintendent, J. O. Corn, who is chairman of the Carders' Division

While we were there P. A. Smith, who is to be superintendent of the new mill at Lyman, and Mr. Bolen came in, and also E. D. Whalen and several other members of the Effi-ciency Department of the Pacific

Hamrick and Walter them good-bye. The power company also had them shut down, on account of

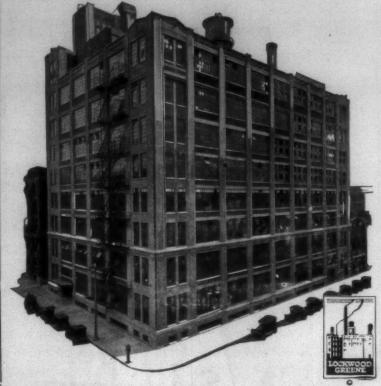
In leaving Columbia We wanted to see some of our the Columbia Duck Mill, and re-friends at Clover and Chester, but membering that we had not seen after taking dinner at Chester our old friend, Byron Card, for about ten years, paid them a visit. as we had for a long time wanted to Byron Card was formerly in the see the new mill at Winnsboro and yarn business in Charlotte and our friendship formed then has lasted many years. We enjoyed talking riving at Winnshoro, we found with him and seeing Sewell Gordon Johnstone was out Oliver, the agent. We also met the assistant superintendent, Knowlton. The Columbia Duck Mills ere also closed for lack of power. After leaving Columbia our first

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lard, who is now general superintendent of the Palmetto Mill at Co-

in charge of S. A. Roane and Amos Saxe-Gotha Mill at Irene, all of obnatone.

They have a conveyor system J. E. Paxton, a former Charlotte milar to the one at Clover; in fact boy, who was recently promoted ave two different kinds of convey-from overseer of dyeing to superintendent of the Lexington Mill, gave All of the twisting in this mill is us a hearty welcome and we enjoyed one from beams and they have a helf hour with them



A Model of Manufacturing Efficiency

HIS is the new dye-house and finishing building of the Phoenix Hosiery Company at Milwaukee, one of the largest single units in the country devoted entirely to hosiery finishing. The building is a model of manufacturing efficiency.

Location of the dye-house at the top of the building assures a maximum of natural light and ample ventilation, and keeps the vapor and fumes from other parts of the building. Stock is raised at one lift from the undved stockroom in the basement to the dye-house on the seventh and eighth floors, and then is carried by gravity to the other operations on the floors below.

Boarding, mating and boxing rooms are located on the fourth, fifth and sixth floors, so arranged as to provide a minimum amount of handling of boarded goods.

Meeting difficulties, and in many cases turning them to advantage, is one part of the service of Lockwood, Greene & Co. In overcoming the obstacles encountered in designing the Phoenix Hosiery building, Lockwood, Greene & Co. were aided by years of experience as textile mill engineers and managers. More detailed information about this building and others of equal interest will be provided on request. A Lockwood-Greene representative will be glad to call and discuss your own building

LOCKWOOD, GREENE & CO. ENGINEERS

EXECUTIVE OFFICES, 24 Federal Street, BOSTON

BOSTON ATLANTA CHICAGO NEW YORK CLEVELAND CHARLOTTE DETROIT SPARTANBURG

Lockwood, Greene & Co. of Canada, Limited, Montreal Compagnie Lockwood Greene, Paris, France

BETTER NON-FLUID OIL LUBRICATION

Are you Lubricating on the "Fourth Drop"

E XPERT observers declare that three drops of fluid oil out of every four fed to bearings either never reach the bearings or else pass through and drip away unused.

Every drop lubricates, if you use



Modern Textile Lubricants

that won't drip or waste away.

N ON-FLUID OIL stays in the bearing—every drop is used-insuring more perfect because more continuous lubrication and since each application lasts so much longer than liquid oil-

NON-FLUID OIL costs less per month for better lubrication

And oil stained product is practically abolished-NON-FLUID OIL stays in the bearing and off the cotton.

New York & New Jersey Lubricant Co.

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New York

Southern Agent, L. W. Thomason Charlotte, N. C.

Ample Stock Always At Our Branches

Charlotte, N. C. Greenville, S. C. New Orleans, La. Atlanta, Ga.

N. Y. & N. J. Lubricant

send testing
Samples and
Bulletin on "Lubribation of Textile
Machinery" to

Name Address

S. T. B. 10-25-23

AT LESS COST PER MONTH

recently been giving careful atteneliminate waste of time and mate-

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This company's line of loom harness for every texture will be exhibited together with a Stafford loom running pillow tubing, for which their duplex loom harness is especially adapted, due to the fact that heretofore cotton harnesses have been used exclusively. succeeded in the making up of a harness which they claim will far exceed the cotton heddle, due to the fact that the great breakage and loss of production has been overness on this particular fabric. No steam plants, sub-stations, trans-doubt it will interest the manufac- mission lines and cities served with turers of the East and South to a great extent, as a great many of heddle harness, nor any other type except a cotton harness, is able to run on this class of goods.

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William Sellers & Co.

(Continued on Page 24)

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As Pink Hamrick and Walter not been completed but part of the Pratt had to swap jokes, it was mill has been put in operation. sometime before we told them We did not have time to go good-bye. The power company also had them shut down, on account of

at Clover.

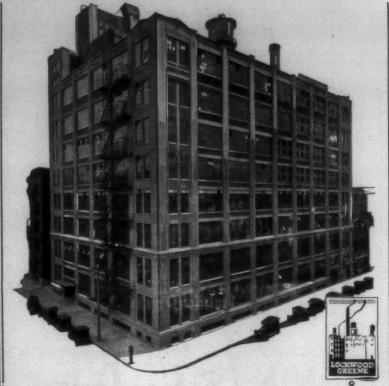
In leaving Columbia we passed wanted to see some of our the Columbia Duck Mill, and rewe passed pushed on through to Winnsboro, about ten years, paid them a visit, as we had for a long time wanted to Byron Card was formerly in the see the new mill at Winnsboro and yarn business in Charlotte and knew that it would take most of the friends at Clover and Chester, but membering that we had not seen knew that it would take most of the friendship formed then has lasted many years. We enjoyed talking Arriving at Winnsboro, we found with him and seeing Sewell that Gordon Johnstone was out Oliver, the agent. We also met the looking after some matters in the assistant superintendent, B. A. looking after some matters in the assistant superintendent, B. A. mill village but we sent for him and Knowlton. The Columbia Duck Mills

were shown over the mill, intendent of the Palmetto Mill at Cocluding the testing laboratory, which lumbia, the Lexington Mill and the is in charge of S. A. Roane and Amos Saxe-Gotha Mill at Irene, all of which belong to the Martel Mills.

They have a conveyor system I. F. Poston a former Charlette.

tendent of the Lexington Mill, All of the twisting in this mill is us a hearty welcome and we enjoyed

> Our next stop was at the Middle-(Continued on Page 42)



A Model of Manufacturing Efficiency

THIS is the new dye-house and finishing building of the Phoenix Hosiery Company at Milwaukee, one of the largest single units in the country devoted entirely to hosiery finishing. The building is a model of manufacturing efficiency.

Location of the dye-house at the top of the building assures a maximum of natural light and ample ventilation, and keeps the vapor and fumes from other parts of the building. Stock is raised at one lift from the undyed stockroom in the basement to the dye-house on the seventh and eighth floors, and then is carried by gravity to the other operations on the floors below.

Boarding, mating and boxing rooms are located on the fourth, fifth and sixth floors, so arranged as to provide a minimum amount of handling of boarded goods.

Meeting difficulties, and in many cases turning them to advantage, is one part of the service of Lockwood, Greene & Co. In overcoming the obstacles encountered in designing the Phoenix Hosiery building, Lockwood, Greene & Co. were aided by years of experience as textile mill engineers and managers. More detailed information about this building and others of equal interest will be provided on request. A Lockwood-Greene representative will be glad to call and discuss your own building

LOCKWOOD, GREENE & CO. ENGINEERS

EXECUTIVE OFFICES, 24 Federal Street, BOSTON

BOSTON ATLANTA CHICAGO NEW YORK DETROIT CLEVELAND CHARLOTTE SPARTANBURG

Lockwood, Greene & Co. of Canada, Limited, Montreal Compagnie Lockwood Greene, Paris, France



An authorized Mill Supply Dealer will deliver a Clipper to your plant on thirty days Free Trial--- Use the coupon.

Clipper Belt Lacer Company

Grand Rapids, Mich.

Anyone can lace a belt with the



GRAND RAPIDS, N	MICH.	
Please send Clipper Belt Lacer on 30 days trial.	Please have sales- man call and de- monstrate Clipper Belt Lacer.	Please send full in- formation regarding Clipper Belt Lacer.

Address

International Textile Exposition.

(Continued from Page 22) ties for the mechanical transmission of power in textile mills. This will

ed double cone vise coupling for Jones connecting shafts. These couplings ager. have been in constant service since 1854 and have given satisfaction under most severe conditions. In addition to their ability to transmit the full power of the connected shafts, they are quickly and easily erected and run perfectly true at all speeds.

apparatus of merit will be shown.

To all men desiring to obtain the full value of the coal they burn under their boilers, a visit to this booth will be well worth while.

J. Chas. Hinton will be at their display space during the show.

The Stafford Co.

32-inch bobbin-changing weaving denims 9%s warp, 10%s filling 72x40.

36-inch bobbin-changing equipped with 20 harness dobby on worsteds. fancy goods 40s warp, 40s filling

40-inch bobbin-changing loom on fine sheetings 28s warp, 30s filling 80x92.

40-inch weaving a piece of fine lawn, 60s

warp, 98s filling 76x110. 50-inch shuttle-changing

weaving a piece of silk broadcloth. 81-inch bobbin-changing loom on broad sheetings 22s warp, 22s filling

Their exhibition will occupy the same space as in the past. The looms will all be motor driven and will contain all the latest Stafford features of construction.

American Scrubbing Equipment Sales Co.

This company will exhibit at Booth 529, Dept. F.

They intend having their new Model No. 20 scrubber on exhibition. It is a worm driven machine, gears encased in oil, powder and water distribution down through the center of the brush ring. The powder agitator is motor driven, whereas on our previous machines, the powder agitator has been driven by the wheels on the scrubber. This has taken off considerable burden from the operator. This machine is much lighter, more compact, and better balanced than any machine this company has ever put out.

They are also placing on display their No. 5 mopping machine, which is a combination absorber and rinsing machine. They will display their regular No. 10 scrubber—a machine so constructed that it will pieces comprise the small system, marked success at Amoskeag Man-

and the No. 20 and No. 5 mopping machine, with the No. 2 mop truck and No. 1 sub-station comprise the are best adapted for mill use.

They will be represented there by of power in textile mills. This will include their true hall and socket Jas. W. Farris, vice-president and hanger, many of which have been in constant service for nearly three-division manager; W. H. Fisher, of quarters of a century. One of these hangers installed in 1851 and taken down in 1921 will be on display, complete with its bearing.

They will be represented there by include their true hall and socket Jas. W. Farris, vice-president and director of sales; J. H. Lindstrom, division manager; W. H. Fisher, of quarters of a century. One of these Providence, district manager; Richards ard Western, Boston, district manager; Jas. W. Hopkinson, Newark, district manager; H. S. and double cone vise coupling for Jones. Philadelphia, district manager. Jones, Philadelphia, district man-

Grinnel Co., Inc.
Grinnell Company, Inc., will occupy Spaces No. 24 and 30 in Department "A." They are planning to feature in their space this year Grinnell textile dryers and will show a full size Grinnell package dryer of 600 package capacity. The Special binder frames, automatic dryer to be shown is of an improved adjusters and other efficient design, recently perfected by Grinnell Company drying engineers.

Complete description and blueprints of the complete line of Grinnell dryers will also be shown which will include: Automatic package yarn dryer, automatic cotton stock dryer, automatic wool stock dryer, truck yarn dryer for cotton, wool, The Stafford Company will have artificial silk in skeins, automatic the following looms on exhibition: warp dryer for mercerized, bleachwarp dryer for mercerized, bleachloom ed or dyed cotton warps; automatic wool top dryer for back-washed carded sliver, finished tops or dyed loom tops, hot air slasher for cottons or

Specimens of the various types of Grinnell automatic sprinkler heads will also be on display. As a fea-ture, Grinnell Company will show the new Grinnell silica bulb sprinshuttle-changing loom kler head recently perfected and approved.

A complete line of Grinnell ad-loom justable pipe hangers and supports will also be shown.

Grinnell Company manufactures and installs the Nivling constant level size circulating system and this system will be featured at the Grinnell booth. The Nivling system circulates size through the size box and automatically maintains constant level of size.

Those attending the exhibit will be F. J. Orme, C. F. Morse, Jr., W. M. Trafton, W. G. Braemer and Howard E. Branch.

Peabody Engineering Corp.

The Peabody Engineering Corporation will exhibit their wide-range mechanical oil burner. They have arranged to have the burner in action spraying water in a glass case. The burner is pointed downward and sprays on the surface of the water in the tank. This method demonstrates to good advantage the fineness of the spray and the character of the atomization obtained. Two burners are used; one the wide range type, so connected that the control feature and the range in capacity may be easily shown, and the other the Peabody straight me-chanical atomizer of the type in operation on the S. S. Leviathan.

In addition the Peabody Company will exhibit an air register mounted operate in hard-toget-to places and to show the construction used on scrub under anything six inches the boiler front, and the method of above the floor. This will be shown bricking and connecting the burner. with their No. 4 mop truck and No. This is the register and burner to absorber. These three latter which has been used with such large system. These two systems display models of yarn drying maufacturing Company, the American chinery as well as large photographs Printing Company, and many other and drawings of some of their more textile plants.

The International Nickel Co.

The International Nickel Company, occupying Booths No. 534 and have what they term a 48-inch E. U. 535, are exhibiting Monel metal electric underdriven hydro-extrac-equipment for the textile industries. tor which they believe will be of Special attention is attracted to the particular interest to the trade. growing use of Monel metal as a lining for wood tanks and as a material of construction for self-supporting tanks. Monel metal rolls for of their recent filter installations. use in finishing processes are exhib- C. J. Tagliabue Manufacturing Co. ited, together with a number of Monel metal castings of interest to following: dyers, bleachers and finishers. machine shows views of a wide variety of installations of Monel metal equipment in various textile millss.

The exhibit is in charge of E. A. Turner, of the International Nickel Company, New York City, and T. M. Bohen, of the Whitehead Metal thermometers notable for their ex-distributors for Morel works. Tag recording and dial indicating thermometers notable for their exdistributors for Monel metal in New England.

The Veeder Manufacturing Co.

ter mechanisms built into one case respondingly greater use in mills on a two shift basis. line is exposed. and separate recording mechanisms read. for day and night operators.

Link-Belt Co.

instructive exhibits at the forth- continuous record of both Co2 and coming International Textile Show will be maintained in Booth No. 86that of the Link-Belt Company.

Here will be shown the applica- ing. tion of Link-Belt silent chain in

spinning frames.

H. D. Mitchell, of Link-Belt Com- Institute, etc. pany's Philadelphia plant, willl be in pany's Philadelphia plant, will be in Tag hydrometers, chemical thercharge of the exhibit. He will be mometers, box and absolute presassisted by Howard Burkholder, sure gauges will also be exhibited. Horace Bowman (both from Philadelphia), and W. J. Clopp, of the Boston office.

'Norma" Precision open type annular ball bearings, "Norma" Precision closed type annular ball bear- give a continuo ings, "Hoffmann" Precision roller rious machines. journal bearings, self-aligning types, Norma" ball thrust bearings, the Minimeter, a precision measuring instrument, several operating antifriction bearing display machines.

Taylor Instrument Companies.

Their exhibit will be indicating and recording thermometers and ture. also a full line of controlling devices for dye tubs, cotton kkiers, carbonizers, dryers, tentering boxes, etc.

Hurricane Engineering Co. This company is the New England ter headquarters. agent for the Philadelphia Drying Machinery Company, of Philadel- Hussong Dyeing Machine Comphia, Fletcher Works, of Philadel- pany will show their latest means phia, and Hungerford & Terry, Inc., for circulating the dye liquor. While of Clayton, N. J.

chinery Company they will have on

recent installations of dryers, cloth carbonizing equipment, etc.

For the Fletcher Works they will tor which they believe will be of

For Hungerford & Terry they will have enlarged photographs showing interior and exterior views of some

Their exhibit will consist of the

Tag automatic controllers automatic lantern slide projecting temperature, pressure and humidity which by their exact regulation materially assist the perfect performance of any operation in which these elements are an important

> incorporating many improved structural features

Tag industrial thermometers with This concern expects to exhibit a the tag-hespe red reading column, full line of textile counters as well an exclusive tag feature, a broad as a miniature mill in operation. red line from top of tube to top of This year they have brought out a mercury column. When the mernew duplex counter. This counter cury rises it covers more of this red is two of their standard loom coun-line; when the mercury falls a correspondingly greater length of red The red line at-This counter has all the dependable tracts the eye at first glance and is features of the standard Veeder easy to follow down to its bottom, loom pick counter with the addi- which, of course, is the top of the tional advantage of a double dial mercury, where the temperature is

Tag mono duplex recorder for flue gas analysis. The only flue gas re-One of the most interesting and corder that gives simultaneously a combustible gases. Of primary importance in boiler room economy since Co2 records alone are mislead-

Tag oil testing instruments, many their uses about the textile mill, of which have been adopted as more particularly the application to standard by the A. S. T. M., the U. S. Government, American Petroleum

Curtis & Marble Machine Co. This exhibit will consist of a combination of unrolling frame and The Norma Co. of America. scay, and rolling device with a selv-Their exhibit will consist of the age turner attachment. This combination being arranged to show the method of handling fabrics so as to give a continuous run through va-

> They will also have a picker cylinder in dummy form, arranged to show a new arrangement of antifriction bearings. Besides this, they will have a projecting device with one hundred or more slides of various machiness of their manufac-

Edwin H. Marble will be in charge, with F. C. Bryant, New York representative of the firm, and members of the office staff from the Worces-

Hussong Dyeing Machine Co.

f Clayton, N. J.

there will be no departure from the For the Philadelphia Drying Ma-Hussong principle, the circulating hinery Company they will have on (Continued on Page 36)



I OW much will it cost to brighten the interior of your factory? There are two ways to figure it: Immediate cost, and cost over a period of years.

Using the latter method, Wacholite becomes the cheapest mill white you can buy. For it is the longest-wearing mill white made—proved so. It dries with a tough, hard finish that will not chip, crack or peel. Age cannot turn it yellow. Soap and water keep it new.

Wacholite is the perfect white finish for walls and ceilings of mills, factories and warehouses. It magnifies the power of daylight, and distributes it evenly to the darkest corners. It keeps daylight on the job more hours per day. Comparative tests have proved the greater refractive powers of Wacholite.

Get complete information about this master mill white. Write for booklet No. 11, "Keeping in the Spotlight."

For the Outside

To beautify and waterproof all buildings of brick, cement and stucco, use Bay State Brick and Cement Coating. For inside in dye-rooms and places of excessive dampness, Bay State Brick and Cement Coating is especially adapted. Write for Bay State Cement Coating Booklet.

WADSWORTH, HOWLAND & CO., Inc. BOSTON



ACHOLITI

EXTILE BULLETI

Published Every Thursday by CLARK PUBLISHING COMPANY Offices: 39-41 S. Church St., Charlotte, N. C.

THURSDAY, OCTOBER 25, 1923.

D, H. HILL, JR	Associate Editor Business Manager
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A Danger Point Ahead.

With a remarkable similarity, Roger Babson and the other profesbusiness forecasters sional say "higher prices may prevail temporarily in cotton but lower prices are expected later. We advise against extended purchases of cotton, cotton yarns and cotton goods."

As against the statements of Roger Babson and the other professionals, we give our opinion, for what it may be worth, as follows:

"Cotton may not advance before March, 1924, but higher prices may be expected after that date."

We do not know upon what statistics Babson bases his prediction but ours is based upon the following

(1) The South went to its limit in acreage in 1923 and the discouraging will tend to cause a reduction in the 1924 acreage.

No matter to what extent there may be curtailment in this country there can not be a carry-over of more than 1,250,000 bales of American cotton in the world on August 1, 1924.

By March the world will begin to realize that with a carry-over of less than 1,250,000 bales and probably not over 750,000, a 1924 crop of not less than 12,500,000 will be absolutely necessary.

In the place of the optimism of ast spring there will be a fear, based upon 1921, 1922 and 1923 results, that it will be impossible to raise a crop of more than 11,000,000

No matter what may be the ultimate 1924 yield there will be crop scares during the spring of 1924 that will send cold shivers down the spine of the cotton manufacturing world and the man who can predict low cotton in the face of such a situation must have a peculiar vision.

tainly be none if the Government revises its estimate to 10,500,000 bales but with a confirmation of the 11,000,000 bale estimate the fight of the buyers of cotton goods against prices may cause some decline.

Do not forget, however, that Europe has the best food crops of fifty carry the control of the whole. years, and with less food to buy, people who have done without clothes will become buyers.

It is a safe bet that any reduction in consumption by our mills will be fully equalled by increased con-sumption of English and other

European mills.

Babson says "lower cotton later on," while we say "higher cotton after March 1st if not sooner."

Time will tell.

A Serious Charge.

It is possible that our readers did not catch the full significance of results of this crop in most areas one paragraph of the letter of Secretary Jas. J. Davis, which we published last week.

Secretary Davis said:

"The investigations made in North Carolina by agents of the Children's Bureau immediately after the first Federal Child Labor Law was declared unconstitutional showed that prompt advantage had been taken of the decision of the Supreme Court to employ a considerable num-ber of children under 10 years of age. I hope it is not still done in North Carolina.

The party who prepared the letter which Secretary Davis signed intended this as a "stinging retort" to our charge that the Children's Bureau of the Department of Labor was juggling statistics but have started something that they are going to be forced to finish.

No one connected with the textile industry of North Carolina believes that children of under 10 years of age were employed.

Some of the New England old There is no certainty that there Federal Child Labor Law was dewill be any material decline from clared unconstitutional probbaly present prices and there will cer- made some such report to the De-

tiate his charge.

We are awaiting with much interest the reply of Mr. Davis to our demand for the names of those employed and the places of such em- off to Europe. ployment

Spilled the Beans.

Under the above caption an editorial has appeared in Fibre and Fabric containing the following extract:

The recent purchases of Southern cotton manufacturing properties by New England and New York interests, with those already owned by New Englanders, and the closing of several other sales for New England interests practically takes control of the Southern cotton manufacturing industry from the South and places it in New Eng-

We are surprised that our friend, tive to their space. the editor of Fibre and Fabric, should be mislead into writing any such paragraph.

The textile industry of the South is still controlled in the South and booth, the sale of a few mills does not Thos

Other Misrepresentations of the U. S. Department of Labor.

In a bulletin issued by the Associated Industries of Kentucky much space is given to our recent "Letter Protest" to Secretary of Labor Davis and the following extract from their bulletin shows that they, too, have seen the tricky hand of

the Department of Propaganda:
"Further along in his letter Mr.
Clark presents illuminating information showing how the officials in Government bureau seek to 'work up' public sentiment through the misleading presentation of information. Kentucky had a similar perience at the hands of the Women's Bureau, which issued a report declaring some 527 women workers received sums ranging from \$5 down to \$1 for the 'week's work.' I ever The Government agents, living on have for the taxpayers of the nation, when people. called to account for their report, were forced to admit that the figreport. ures given by them covered workers had been employed in periods of time representing small tional parts of a week-often as low North Carolina Association to Meet as only two hours."

How About Us?

The following statement of Jas. F. Barrett has appeared in several papers:

"For some time I have been making every effort to arrange my business affairs so I could accept an appointment with an international organization which will take me not only all over the United States but to Europe as well, where much of my work would be done. I hope to have my affairs so arranged within a short time that I can assume my new duties."

partment but we are confident that Isn't that hard luck? Just when Secretary Davis can not substan- he has announced in large type and tiate his charge. with much "hurrah" that he was going to sue us and we had braced ourselves for the shock, Mr. Barrett feels a call of duty and has to run

oyment.

Maybe he feels that if Harry
We anticipate an evasive answer. Etaugh and Thomas Failure Mc-Mahon and all the other foreign born agitators are over here getting their living off our workers, there may be a shortage of agitators in their countries. Anyhow, he is going over where they came from and we guess we will have to wait until he returns before our suit can be finished.

International Textile Exposition.

We are publishing in this issue descriptions of most of the exhibits that will be shown in the Interna-tional Textile Exposition at Boston, Mass., next week.

We requested descriptions from all the exhibitors but did not hear from some of them and are therefore unable to state anything rela-

We understand that a large number of Southern mill men will attend and we hope to see all of them the Southern Textile Bulletin

Those present from our organization will be David Clark, editor, Junius M. Smith, business manager, and Jeff Palmer, advertising solici-

Results From Advertising.

The Wilson Company. Greenville, S. C. Oct. 24, 1923.

Mr. David Clark, Southern Textile Bulletin, Charlotte, N. C.

Dear Sir:

Please have the Bulletin to discontinue our advertisement for salesman, as we are swamped with applications from all over the South.

I do not believe that in all my life I ever inserted an ad that seems to have fallen under the eyes of more

Yours very truly, W. Lindsay Wilson, President.

at Pinehurst.

The winter meeting of the Cotton Manufacturers' Association of North Carolina will be held at the Carolina Hotel, Pinehurst, N. C., on November 30 and December 1. Hunter Marshall, Jr., secretary, in announcing the date of the meeting, stated that a very interesting program is being prepared.

Previous meetings of the association at Pinehurst have proved that the winter resort is a very popular meeting place with the mill men and a full attendance is expected. A great deal of time of the members will be devoted to golf and other sports.

Personal News

- general manager of the Vivian Cotton Mills, Cherryville, N. C.
- E. P. Hollis has resigned as overweaving at the Mary-Leila Mills at Greensboro, Ga.
- Robert H. Clayton has been appointed weaving overseer at the Mary-Leila Mills, Greensboro, Ga.
- S. S. Henson has been promoted superintendent of the Palmetto Mills, Columbia, S. C.

- Logan Owens, superintendent Eureka Manufacturing Company, Englewood, Tenn., died recently.
- L. W. Walter has been promoted to overseer of spinning at Chad- cover in spi wick-Hoskins Mill No. 1, Charlotte, his wounds.
- fining Company and will travel accident. South Carolina and Georgia.
- P. A. Smith, of Columbia, S. C., is to be built in connection with the Pacific Bleachery at Lyman, S. C.
- F. D. Williams, of Eatonton, Ga., has accepted position as superintendent of Vivian Cotton Mills, Cherryville, N. C.
- J. H. Mayes, general manager Fitzgerald (Ga.) Cotton Mills, has been elected without opposition to the office of mayor of Fitzgerald.
- H. C. Moore, formerly of Clinton, S. C., is now night superintendent of the Buffalo plant of the Union-Buffalo Mills, Union S. C.
- Henry T. Jones, general manager Manchester Manufacturing Company, Macon, Ga. was found dead in his bed at his home in Macon, Ga., recently.
- E. B. Brannon has resigned as ease, owing to the roller bearing spinner at Mill No. 1 of the Chadwheels and other special features. wick-Hoskins Company to accept a lin adddition to the foregoing, they similar position at the Hampshire plan to exhibit a 60-pound Lap scale which will be exhibited on a section of an overhead track show
- S. A. Dillard has been made general superintendent of the Martel Mills at Columbia, Lexington and Irene, S. C., and has moved his residence to Lexington.

- J. T. Phillips has been promoted to superintendent of the Loray Mills, Gastonia, N. C.
- H. L. Stirewalt, of Marion Manufacturing Company, Marion, N. C., has accepted the position of spinner at Blue Ridge Cotton Mills, Connelly Springs, N. C.
- Mary-Leila Mills, Greensboro, Ga.

 John C. Hurt has resigned as spinning overseer at the Fitzgerald (Ga.) Cotton Mills.

 W. R. Suit has resigned as second hand in spinning at the Mollohon Mill, Newberry, S. C., to become overseer spinning at the Mary Louise Mills, Mayo, S. C. W. R. Suit has resigned as second

E. Chappell and Fred Dickerson Injured.

Ed Chappelle and Fred Dickerson, J. E. Paxton, formerly overseer of of the Atlanta office of the H. and B. dyeing at the Lexington (S. C.) American Machine Company, were plant of Martel Mills, is now supersections of the Atlanta office of the H. and B. dweing at the Lexington (S. C.) o. B. Land is now representing street, in Atlanta, and fell to the U. S. Ring Traveler Company, with headquarters at Athens, Ga. injured. They were carried to the Davis-Fischer Sanitarium.

Mr. Chappell's injuries were the more serious. He was very badly cut by broken glass in the car. Physicians state that he will recover in spite of the seriousness of

Mr. Chappell and Mr. Dickerson J. C. Alexander has accepted a industry and their friends will position with the Corn Products Re- learn with much regret of their

American Kron Scale Co. at the Textile Exposition.

The American Kron Scale Company, New England office, 19 High street, Boston, Mass., factory, 422 East Fifty-third street, New York, will have Space No. 22 on the main floor at the Textile Exposition and intends to exhibit a specially constructed scale for the weighing of bales of cotton. This particular type is designed, having in view the ruggedness and durability necessary in order to obtain accurate results in order to obtain accurate results from portable scales of this type. It is so arranged that a runway may be placed on each side of the scale in order to permit the bales of cotton to be readily rolled over its platform with the same ease as platform with the same ease as though the scale was flush with the floor. This particular type makes it possible to be moved around as occasion may demand from one receiving door to another with great

Spinning Company, Clover, S. C.

C. L. Todd, formerly overseer of spinning at the Autauga Mills, this kind may be operated under Prattville, Ala., has accepted a position in the weave room of the Buck Creek Cotton Mills, Siluria, Ala.

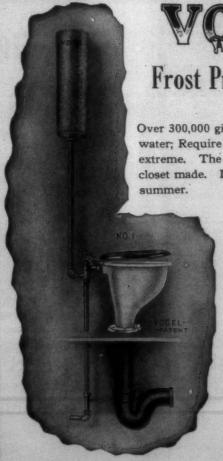
S. A. Dillard has been made general superintendent of the Martel the possibility of vibration from Mills at Columbia, Lexington and Irene, S. C., and has moved his resition of an overhead track, showsection of the analysis of the overhead track tracket and tracket and tracket and tracket and tracket and tracket a the working or accuracy of the

Cotton Bleachers!

Your Selling Agent, the Retailer and the Public want these qualities:

- 1) A permanent, clear white
- 2) Material not weakened
- 3) No yellowing on shelves
- 4) Utmost softness
- 5) Greatest elasticity
- 6) Free from odors or poisons. Are they getting them? You can obtain all with the Solozone Process

The Roessler & Hasslacher Chemical Co 709 Sixth Ave. **NEW YORK**



Frost Proof Closets

Over 300,000 giving satisfaction. Save water; Require no pit; Simple in the extreme. The most durable water closet made. In service winter and

> Enameled roll flushing rim bowls.

Heavy brass valves.

Strong hardwood seat.

Heavy rivited tank.

Malleable seat castings will not break.

> SOLD BY JOBBERS **EVERYWHERE**

Joseph A. Vogel Co. Wilmington, Del.

MILL NEWS ITEMS OF INTEREST

Lincolnton, N. C.—The Boger & Crawford Spinning Mill have pur-chased Bahnson humidifiers for their new addition.

Cherryville, N. C.—Vivian Spinning Company, Inc., have awarded contract for humidify equipment to the Bahnson Company, Winston-Salem, N. C.

Lexington, N. C.—The Dacotah Cotton Mills are contemplating the erection of a mill No. 2 with 25,600 spindles and 720 looms. They now have 21,696 spindles and 650 looms on chambrays and have been one of the most successful mills in the South. C. A. Hunt Jr., is president and treasurer.

Whitehall, Ga.—Paige, Schoolfield & Co., No. 1 Madison avenue, N. Y., has been appointed the sole selling agents for the Whitehall Yarn Mills, Whitehall, Ga. This company also sells the total output of the Mandeville Mills, Carrollton, Ga., Audrey Spinning Mills, Weldon, N. C., and Chatham Manufacturing Company (Cotton Dept.), Elkin N. C.

Rhodhiss, N. C.—The Rhodhiss Mills Company has had 300 Nordray automatic looms installed in the No. Mill, in addition to the Whitin looms already there. A new warp-tying machine has also been installed in this mill. It is reported here that 420 Nordray looms will be added to the equipment of Mill No. 1.

Lenoir, N. C. - Caldwell Cotton Mills have awarded contract to Dougherty Company, Philadelphia, for fire protection and heating and the humidifying to Bahnson Company, Winston-Salem, N. C.

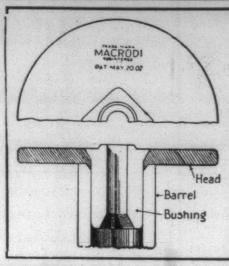
The mill buildings are nearing completion and machinery installation will begin at an early date. The plant, when completed, will manufacture corded ply yarns. The equipment of mill will be 6,000 spindles.
J. E. Sirrine & Co., Greenville, S.

C., are the engineers.

Greenville, S. C .- Possibility of a huge silk fiber plant being located on the Saluda River near Greenville came to the surface when it became known that representatives of the Du Pont interests have inspected one or more sites here.

As far as could be learned, no opinions have been asked for, but it was said by a Greenville man that the persons making the investigation were pleased with sites offered. The one deemed the most important by the inspectors was said to be on Saluda River, only a few miles above Greenville.

The plant is proposed to build somewhere in the South and will require an abundance of water, and this reason the site near this city impressed the persons making the initial survey. The water must be of a clear type and free from mud or contamination to any great extent.



The Macrodi

FIBRE HEAD WARP SPOOL

after fourteen years of the hardest mill use has demon-strated that it is

Durable — Economical

Write for particulars of the added traverse with corresponding increase in yardage—an important feature of this spool.

Prompt deliveries in two to three weeks after receipt of order.

MACRODI FIBRE CO. Woonsocket, Rhode Island

Spartanburg, S. C. — Lockwood, Greene & Co. will begin immediately to build a mill at Tucapau to manufacture crash towels. When completed, this plant with all equipment will represent a million dollar investment. The 'new mill, called the Startex Division of Tucapau, will be ready for operation in May. Excavation work is now under way

Union, S. C .- At the annual meeting of the Union-Buffalo Mills Coming of the Union-Buffalo Mills Company, held at the principal office in New York, all directors were reelected for the ensuing year. The directorate consists of H. C. Fleitmann, Frank E. Whitman, H. B. Jennings, F. T. Fleitmann, Henry Schachte, Enslie Nicholson, William Elliott A. C. Bounds, Flear, Curtis Elliott, A. C. Rounds, Elroy Curtis, R. I. Manning, D. D. Little and John K. Branch. Other business at the meeting was mostly of a routine nature

Profits of the company for the fiscal year ended June 30, 1923, amounted to \$1,610,680 before depreciation and Federal taxes. After reserving \$300,000 for depreciation and \$163,835 for Federal taves net profits amounted to \$1,146,845. plus account has increased \$326,102. This time a year ago the company

paid a dividend of 35 per cent on the second preferred stock on ac-count of accumulated dividends.

Peizer, S. C.—Lockwood, Greene & Co., Boston, Mass., have just taken over the Peizer Manufacturing Company, and a complete new group of officers and directors will be elected at a stockholders' meeting, to be held next Tuesday in Boston, it became known through Capt. Ellison A. Smyth, former president of the mill group but now retiring from active business life.

H. G. Nichols, of Boston, of Lockwood, Greene & Co., was in Green-ville the day on which the Boston company took over the mills. It was stated that Mr. Nichols would probably be elected treasurer of the new company, but he would still remain a resident of Boston.

It was also said that Edwin Farnham Greene would become president of the Pelzer company.

The Pelzer Manufacturing Company, embracing four plants with 130,000 spindles, was recently pur-chased, in toto, for approximately \$9,000,000.

While the purchase of the Pelzer Mills was only one of similar pur-chases recently made by Lockwood, Greene & Co. in their expansion of business in the South, it is considered one of the most important. The Pelzer company, organized many years ago by Capt. Smyth, has grown into one of the most prosperous and productive mill corporations of the Piedmont section.

Union, S. C.—Directors of the Union-Buffalo Mills Company have declared a 50 per cent stock dividend on the common stock. In addition a cash dividend of 4 per cent, semi-annual, was declared upon the common stock outstanding on No-

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vember 15 payable on said date to holders of such common stock of record on November 8, 1923. The 4 per cent semi-annual dividend places the common stock upon an 8 places the common stock upon an 8 per cent annual basis. Last year no disbursement was made to common stockholders, the company having cleaned up accumulations on the second preferred stock amounting to a dividend of 35 per cent.

The common stock dividend is payable October 30, 1923, to stockholders of record of October 48. The resolution passed by directors pro-

resolution passed by directors provides that no half shares should be issued but that a common stockholder who otherwise might be entitled to a half share should, at his option, be entitled to a full share therefor upon payment of \$50 to the treasurer of the company on or before 12 o'clock noon, November 8, 1923, and in default of such payment such shareholder should be entitled to receive from the company \$50 for such half interest.

addition to the cash and stock dividend on the common stock the directors also declared the regular semi-annual dividend of 3½ per cent on the first preferred stock of the company, payable November 15, to holders of such stock of record November 8. There was also declared a regular semi-annual dividend of 3½ per cent on the said first preferred stock payable May 15, 1924, to holders of such stock of record May 8, 1924.

Couch Mills Sold for \$380,000.

Atlanta, Ga.—Property owned by the Couch Cotton Mills, located at East Point, Thomson, nad Green-ville, S. C., which was recently placed in hands of receivers, has been sold to the Lullwater Company, of Atlanta, for a total of \$380,000, according to a report of receivers filed with United States District Court.

Judge Shepard Bryan and W. W Judge Shepard Bryan and W. W. Banks, receivers for the bankrupt stock of the mills, in filing their report enumerated the price obtained from each site as follows: East Point Mill property, \$125,000; Thompson Mill property, \$60,000, and Greenville property, \$165,000.

Walter T. Candler, Atlanta capitalist, is head of the company purchasing the properties.

Captain Smyth to Build New Mill.

Greenville, S. C.—Capt. A. E. Smyth, until recently head of the Pelzer Mills, of this State, has declared that he contemplates the construction of a 10,000-spindle mill in the vicinity of Hendersonville, or Flat Rock, N. C. In discussing the

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project, Captain Smyth said that he had inspected several sites but had reached no conclusion as to where the mill would be located, or even if such a mill is to be built. Should he decide to build the plant it will be located in North Carolina and not in South Carolina, he stated posi-

Captain Smyth owns extensive property at Flat Rock, and this is one of the reasons favoring the location of the plant there. that he had been approached by a number of Hendersonville persons to build the mill there, but it would be more than a week, possibly, be-fore he would reach any decision as to where the plant was to cated, should he decide to build.

If the mill is erected, it is planned to have both spinning and weaving and will be in charge of Adger Smyth, a son, who resides in Flat Rock, N. C. Captain Smyth is one of the veteran mill men of this section, etiring from the head of the Pelzer Mills a short time ago, when that property was sold to Lockwood, property was sold to Lockwood, Greene & Co., of Boston, for a consideration of about \$9,000,000. Actual transfer of the Pelzer property took place this week, Henry G. Nichols, of Boston, being the only representative of the Lockwood, Greene interests present.

Fall River Curtails 50 Per Cent.

Fall River.—The print cloth mar-ket continued dull during the week, inquiry being confined almost tirely to 36-inch low counts, delivery being spot or the next two months. The estimated sales for the week embracing listed and unlisted constructions is placed at 50,000 pieces. Curtailment continues on the increase and production has been curtailed to a point considered not less than 50 per cent of normal.

Mill Stocks Higher.

Common shares of the Southern cotton mills remained quiet during the past week with practically no changes in prices, according to the weekly review of Southern mill shares prepared by R. S. Dickson & Co., Greenville, S. C., and Gastonia,

The preferred issues on the other hand, continued their activity of the past few weeks at slightly higher prices. The preferred issues of Orr, Chiquola, Dunean, Judson and Paco-let were among the most active of the list.

The average of 25 most active Southern mill shares for the week just ended stands at 139.00 which is a slight increase over the preceding week when the average amounted

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Our ATOMIZERS or COMPRESSED AIR SYSTEM
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Our CONDITIONING ROOM EQUIPMENT Our AUTOMATIC HUMIDITY CONTROL (Can be applied to systems already installed)
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Are all STANDARDS OF MODERN TEXTILE MILL EQUIPMENTS.

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BOSTON, MASS.

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Every "Perkins Practical Brush" is guaranteed unconditionally



a resumption of work in the cotton department of the Amoskeag Manufacturing Company on a small less scale was noted in the announce- T ment that certain rooms of No. 11 mill, on the west side, opened Monmorning after a two weeks' shutdown.

Meanwhile, the Amoskeag has completed its test of certain dyes in an attempt to secure a khaki color for United States soldier and marine uniforms, which will remain fast, even in the tropics, and has forwarded samples to the special committee of the American Chemical Society appointed at the request of the Garagnerical the Government.

Company chemists now await the arrival of a quantity of goods which will be dyed and made up into uni-They are satisfied that they have a dye which will remain uniform despite the scrubbings needed to keep the soldiers' outfit clean.

In accordance with the specifica-tions outlined by the special Government committee, the uniforms made up by the Amoskeag will be sent to the tropics for a certain period. During that time they will be given a most thorough test to see if the dye will stand the laundering

It is understood that the Amoskeag has developed several samples. One is made entirely of American goods, and another from part Amer-

ican and part foreign dyes.

The samples are in the hands of the special Government committee, and the company is now awaiting 039 dozen pairs; underwear, 9,445 the arrival of the goods for uniform dozen, and other knit goods, 37,199

National Association of Cotton Manufacturers.

The world famed Boston Museum of Fine Arts is to co-operate with the National Association of Cotton Manufacturers in the notable exhibit of ancient and modern cottons to be made in Boston during the week beginning Monday, October 29. Not only will a valuable collection assembled by the National Association be seen by many thousands of persons at the International Textile Exposition, but the Museum of Fine Arts will provide special facilities to the public to view its splendid specimens of cottons. At noon on Thursday, November 1, and again at 4 o'clock that afternoon, guides will be provided for visitors wishing to visit the cotton section at the museum.

Secretary Harry C. Meserve, whose office is at 45 Milk street, Boston, is now completing business arrangements for the fall meeting. The National Association of Cotton Manufacturers," he said in a state-ment issued to the press. "enters The Havre cotton trade is much upon its one hundred and fifteenth interested in the announcement of

Amoskeag Claims Fast Khaki Dye. diversity of cotton fabrics will be a revelation, not only to mill men, but Manchester, N. H.—Indications of to the general public. Many of these compare favorably with fabrics silk, and at a price that is much

> The National Association of Cotton Manufacturers is the oldest trade association in the United States, having been organized in

Knit Goods Exports in August.

Washington, Oct. 18. — Domestic exports of cotton knit goods during the month of August had a total value of \$1,490,124, according to figures issued by the Department of Commerce. The report classifies the products into four divisions: Gloves, which there were 2,766 dozen pairs, valued at \$6,434; hosiery, 398,-719 dozen pairs, valued at \$880,222; uderwear, 117,776 dozen, valued at \$558,671, and shawls, sweaters, and other knit goods, 56,496 pounds valued at \$44,797.

Argentina's purchases here of these goods had a total value of \$304,051. The items were 20 dozen pairs of gloves, \$186; 90,128 dozen pairs of hosiery, \$256,398; under-wear, 8,538 dozen, \$47,287, and other cotton knit goods, 136 pounds, England took \$252,856 worth of these products, comprised of: Gloves, 209 dozen pairs, \$193; hosiery, 25,922 dozen pairs, \$67,788; underwear, 27,-979 dozen, \$84,875. Cuba was the third largest buyer, taking goods valued at \$244,048, comprised of: Gloves, 107 dozen pairs; hosiery, 88, pounds, worth \$24,882.

Karachi Imports of Wool Yarns and Goods Increase.

The quantity (237,416 pounds) and the value (Rs. 1,310,000) of yarn and knitting wool (at current exchange rupee (\$0.3076) imported during the fiscal year ended March 31, 1923, were more than double the corresponding imports for the previous year. Large quantities came from Germany as a result of lower prices. Imports of wool piece goods advanced from 356,895 yards worth Rs. 1,191,000 in 1922, to 797,775 yards valued at Rr. 1,805,000 in 1923. A large percentage of the consignments consisted of German and French shawl cloth to supply the strong demand from Amritsar, where the cloth is dyed and made into shawls, according to a report to the Department of Commerce from Consul Avra M. Warren.

Havre Cotton Importers Pleased By Direct Steamers From India.

meeting on October 31 and Novem- the inauguration of a regular ber 1 at the Copley Plaza Hotel with steamer service between India and an unusually interesting program Havre in October. Indian cotton and a new line of activity. At the consigned to Havre has been reInternational Textile Exposition in shipped from Antwerp or Dunkirk,
Mechanics Hall from October 29 to adding freight costs to the disadNovember 3, the exhibition commit- vantage of Havre buyers. Through tee has prepared an unique display the establishment of this direct line of cottons, ancient and modern. The the annual minimum consumption contrast between the old yarns and of 15,000 bales of Indian cotton in weaves and the modern construction that vicinity is quite likely to be tion will be clearly shown. The increased.

Night Textile Classes Prove Valuable.

The night textile schools that are being conducted in a number of North Carolina mills, in co-opera-tion with the State Department of Trade and Industrial Education, are proving of practical value to the students. The supervisor of the department has recently compiled information showing that the classes are directly benefiting the students and that the pupils are apprecia-tive of the value received.

The supervisor, in order to get first-hand information as to the results being obtained in these schools, mailed a questionnaire to 200 students who work in various mills and who are taking the night work in the schools.

These papers were returned direct from the students rather than through the teachers in charge so being permitted to attend a night that the men might express themclass, as I have to work every day." selves freely. Out of the 200 requests 126 were returned. The information will be of interest to plants where they have had a program and also to those who may be considering trying out such a course. Below is tabulated some of the answers:

Did you derive benefit from the class?

One hundred and twenty-six answers "Yes."

Did you get any practical help? One hundred and six answered

Has it helped you to get a better job—give example?

To this question, 32 stated they had been promoted, stating the job they had secured, while 11 other answers were to the effect that they were in line for promotion or had

had an increase in wages.

Has it made you more interested in your job in the mill?

The answers were unanimous. We quote a few representative answers to the request that they make a statement about the help they had gotten from attending the textile evening classes:

"I am better fitted to fill the posi-

tion that I now hold."
"I see where I missed it when I went to school, but if the night school continues I can make it all up and then some.

"By attending classes I can keep abreast of the times and can talk more intelligently on mill work, put.
thereby rising out of the rut."
"I could not have held down the job I have now if I had not attended night school."

night school."

"I have been greatly benefited by the classes, as they have enabled me to make all changes I have been confronted with since my promotion.

"The night school has given me a chance to understand and become more proficient in my work.

'I have not been promoted higher, but it has given me a broader view of my own job and brought me

closer to my employer."
"It has enabled me to figure or calculate cotton yarns and gives me the promise of a better future in mill work

"I don't think the State could do better work. It has meant

much to me."
"It has helped me to obtain an ambition for higher knowledge, and

it has also made my work in mill more interesting.

"It has made me a better carder— I can think better and act quicker."

"It has broadened my mind, helped me to clear up details that I did not learn at school and made me a better, moré cheerful employee."

It has given me a clearer understanding of the textile industry, from a mathematical standpoint as well as practical knowledge

"I believe that the night school has helped me to get a better job from fixer to second hand on 769

"I am for the night classes. Can handle my job better and in line for promotion.

"It has given me more confidence in myself and has created a desire in me to go forward, more than ever

"I have learned to figure production through the mill and how to figure any change that is to be

"I have gained a broader knowledge of general mill work than I had before."

It has caused me to be more interested in my job. It has created a desire for more knowledge and makes we want to help the other

The fund for carrying on this work is being rapidly taken up by applications from all parts of the State in the various industries. Any plant or group of men wishing assistance in their trade should address a letter to the State Board for Vocational Education, which receive prompt attention.

Havre Market for American Cotton.

Havre and the nearby districts take a considerable amount of the American cotton entering that port, says Vice Consul Levis in a report to the Commerce Department. The latest figures give about 60 cotton mills in hte region, operating 24,000 looms and 1,646,000 spindles; 1,300,-000 spindles are in the Seine Inferieure, 96,000 in the Eure, 81,000 in Caldavos and 55,000 in Orne, Thirtytwo thousand workers are employed in the industry, which for some years has remained stationary as to the number of spindles and the out-

Russian Wool Requirements.

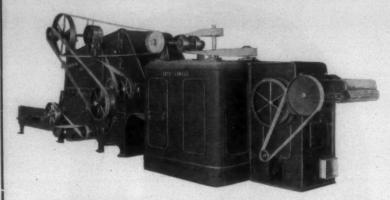
According to the Soveit press estimated requirements of Russian wool manufacturing plants for next year is about 43,000,000 pounds of scoured wool. The domestic market is pected to furnish all the coarse wool pected to furnish all the coarse wool pected to furnish all the coarse wool. needed, or about 26,000,000 pounds, and nearly 3,000,000 pounds of semi-fine. It will be necessary to import approximately 6,300,000 pounds of fine wool and 7,700,000 pounds of semi-fine, according to "Economic Life," Moscow.

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Engineers generally are recognizing the fact that Creo-Pine is the standard subflooring. Many mill owners are insisting upon it in new construction programs.

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They, too, are modern, modern in that they produce results readily distinguishable from those produced by the use of ordinary alkalies, results that find for your products a more ready market, and at a better profit

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And we must state that the results have been entirely SATISFACTORY.

In fact, your product is PREFERABLE to any other scrubbing-powder we have USED.

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For Sale.

ring, tape drive; 5 28x54 Draper warpers; 1 4x6 Draper spooler; 8 4x6 Whitin spoolers; 120 gangs Nu-taper No. 50 Universal cone winders; 22 gangs No. 50 Universal tube winders; 8 gangs No. 90 Universal quillers; 15 gangs No. 50 Universal doublers; 3 36-spindle Oswald lever quillers; 2 20-spindle Silver & Gay ball winders; 2 No. 30 Foster cone winders, 100 spindles. C. L. Upchurch & Sons, Athens, Ga. Sons, Athens, Ga.



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First-class roller coverer. None but first-class man need apply. Good place for the right man. Reply G. M., care Southern Textile Bulletin.

Wanted

well established concern handling textile mill supplies requires the services of a competent, energetic man to cover a portion of its territory, in which trade is already quite well established.

ablished.

A man thoroughly acquainted with the needs of a modern cotton mill is desired. In other words, an ex-superintendent or supply room man is preferred.

No one who is not energetic and ready to go late and long need apply.

For one who can furnish references as to character and has the above requisites an attractive proposition is offered. Address Salesman, Box 1318, Greenville, S. C.

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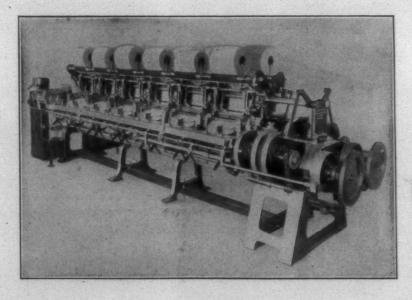
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The Ideal Comber For All Short Staple Cottons

Advantages of the two-sided machine are:

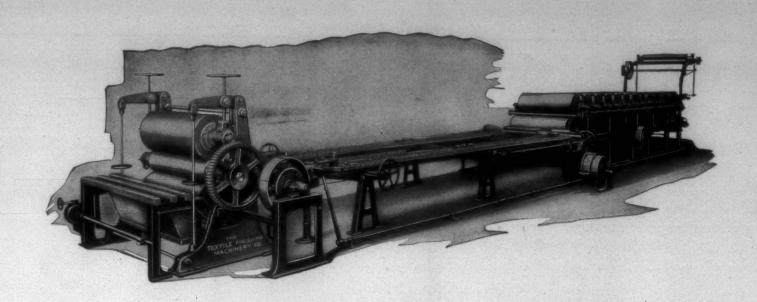
(1) Economy of floor space, shafting, pulleys and straps.

(2) Great reduction in the distance traversed daliy by the operative.

(3) Setting all done while standing upright, in full light, in front of each machine.

The machine can be built as a single six-head machine if so desired.

Southern Representative, J. H. MAYES, Charlotte, N. C.



The illustration above shows a Range consisting of:

One 3-roll Starch Mangle, one 22-foot Straightaway Automatic Clip Tenter and one 25-cylinder Horizontal Dryer with Folder to deliver the goods.

The Range complete with all pulleys to receive belt drive requires floor space 65 feet long by 12 feet wide.

We also specialize in the manufacture of:

Continuous Finishing Ranges for Ginghams, Chambrays, Plaids, etc., consisting of:

Open Washer

Water Mangle

Starch Mangle

90-Foot Tenter

5-Roll Calender Winder

These Ranges may be driven from the mill power lines through variable speed mechanism or preferably by separate variable speed motor. A single motor may be used with necessary side shaft and variable speed mechanism to drive all units in unison or two or more motors may be used with proper electric control. The Calender may be operated separate from the Range if preferred.

Write us for full information as to the best type of Finishing Range to meet your particular requirements.

Where floor space is limited a shorter Tenter may be used and the capacity of the range maintained by the introduction of a small Cylinder Drying Machine in front of the Tenter.

Your Enquiries Solicited

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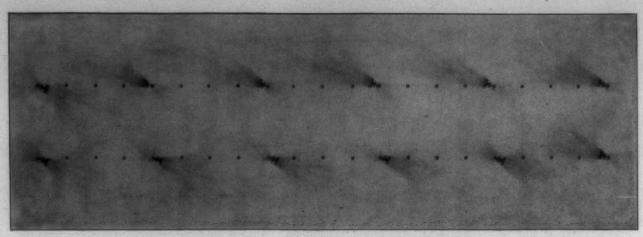
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SINGERS KIERS SCUTCHERS MANGLES PADDERS DRYERS DYEING MACHINES TENTERS AGERS COLOR KETTLES SPRINKLERS CALENDERS

SEE US AT THE TEXTILE EXPOSITION



TYPICAL INSTALLATION OF BAHNSON HUMIDIFIERS, SHOWING DISTRIBUTION OF HUMIDIFIED AIR Humidifiers are mounted on columns whenever practicable, thus avoiding all unsightly overhead drain piping in bays. Note perfect horizontal circulation of air. Humidity escapes from any room chiefly through the walls and windows, and experience has shown that with proper horizontal circulation the center of the room always has sufficient humidity when the outer bays are properly supplied.

Installing Humidifiers Is Not Enough--

Your humidifying system must do more than throw water out into the room—it must provide some means for distributing and thoroughly mixing the moisture with the dry air so that the moisture may penetrate the yarn in an even and thorough manner.

Have You Ever Found Dry Spots In Your Mill?

The BAHNSON SYSTEM does more than supply the needed moisture. It keeps the air circulating. The moment you start a BAHNSON System operating it starts the air circulating freely.

This free air circulation causes the moisture to be distributed into all parts of the room. Because of this complete circulation and distribution the humidity is uniform and readily absorbed by the product being manufactured. There are no dry spots with the Bahnson System operating.

Nothing is more vital to your mill equipment than your humidifying system. The BAHNSON SYSTEM is designed to fill your needs effectively and efficiently.

We are prepared to serve you now.

THE BAHNSON COMPANY

Humidification Engineers

Winston-Salem, N. C.

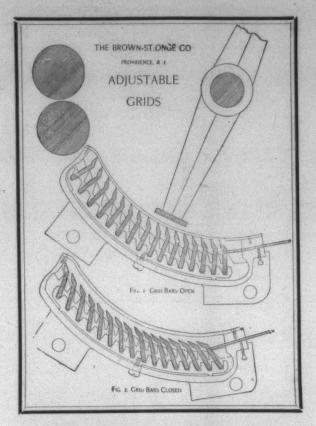
New York Office 437 5th Ave.

Bahnson Humidifiers operating in Booths No. 82 and No. 83, International Textile Exposition, Boston, Mass.

This device increases cleaning in the picker room, regardless of what you are now equipped with.

More Motes Extracted Cleaner Laps

for Cards



in Picker Room
Less Work for
the Cards
Eliminates Specks
Reduces Fly and
Sweeping
No Cotton Wasted

A Few Of Our References

BARKER MILL	AUBURN, ME.
CONTINENTAL MILLS	LEWISTON, ME.
DANA WARP MILLS	WESTBROOKE, ME.
HILL MFG. CO.	LEWISTON, ME.
FULD & HATCH KNITTING MILLS	COHOES, N. Y.
BOSTON MFG. CO.	WALTHAM. MASS.
D. E. CONVERSE MFG. CO.	GLENDALE, S. C.
DIXIE COTTON MILLS	# 1 Pres 1 82 Cres Of 1
DUNSON MILLS	LAGRANGE, GA.
DURHAM COTTON MFG. CO.	
EASLEY COTTON MILL	EASLEY, S. C.
ENOREE COTTON MILL	ENOREE, S. C.
FULTON BAG & COTTON MILLS	ATLANTA, GA.
GLENN-LOWRY	WHITMIRE, S. C.
GLENWOOD COTTON MILL	EASLEY, S. C.
GREENWOOD COTTON MILL	GREENWOOD, S. C.
GRENDEL MILLS NOS. 1, 2	GREENWOOD, S. C.
HENRIETTA MILLS	CAROLEEN, N. C.
HIGHLAND PARK MFG. CO., 1, 2, 3	CHARLOTTE, N. C.
'INDIANA COTTON MILLS	CANNELTON, IND.
INDIAN HEAD MILLS	CORDOVA, ALA.

INMAN MILLS	INMAN, S. C.
IPSWICH MILLS	경우 경기 가는 것이 있다면 하는 아니라 가는 것이 되었다. 그 사람들은 사람들은 사람들은 사람들은 사람들이 되었다.
KLUMAC COTTON MILLS	
LANETT COTTON MILLS	LANETT, ALA.
LANGLEY MFG. CO.	LANGLEY, S. C.
LYNCHBURG COTTON MILL	LYNCHBURG, VA.
MARTINSVILLE COTTON MILL	MARTINSVILLE, VA.
MASON COTTON MILL	KINGS MOUNTAIN, N. C.
MILLER COTTON MILLS	WACO, TEXAS
NIGHTINGALE-MORSE MILLS	
OAKLAND COTTON MILL	NEWBERRY, S. C.
OPELIKA COTTON MILL	
PAGOLET MFG. CO.	
PELZER MFG. CO., 1, 2, 3	
PIEDMONT MFG, CO.	
QUISSETT MILL	
WAMSUTTA MILLS	
WEST POINT MFG. CO.	
VICTOR-MONAGHAN MILL	
WISCASSETT MILLS CO.	
WOODSIDE COTTON MILLS	GREENVILLE, S. C.

These Have Proven Our Claims Why Not YOU Also?

The Brown-St. Onge Company

Established 1904

COTTON MILL SPECIALTIES

Manufacturers and Selling Agents

Economy Starters for Pickers

PROVIDENCE, R. I.

Machine Specialties

Don't Let Your Patent Lay Idle We Manufacture and Sell on Royalty Basis



Wade Loft Building, Charlotte, N. C.

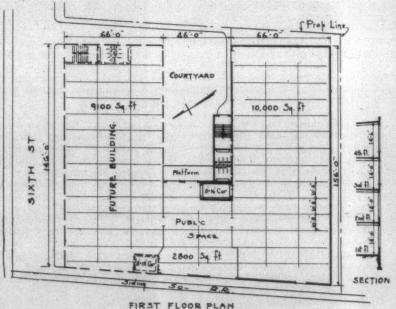
Above is a view of the Wade Loft including heat, can be rented at Building at the corner of Southern reasonable rates, and power, water, Railway and East Sixth street, in lights and electric service will be Charlotte, as it will be when com- available. pleted.

One wing of this building is now

manufacturing plants. Floor space, ing Company.

One floor in the wing now being completed has been rented to the being completed and construction U.S. Knitting Company, of Provi-will begin at once upon the other dence, R. I., another to Carl Stohn, wing. Inc., of Hyde Park, Mass., and a wing.

It is intended to house small third to the Charlotte Leather Belt-



T BLDG for H.M. WADE, ESQ. Charlette - N.C.

Floor Plan of Wade Loft Building

Antung Cotton Piece Goods Imports having been imported directly.

The Hankow market for

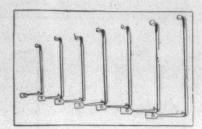
1922, according to reports to the marked Textile Division of the Department the imp of Commerce. Of this amount about facture. 96 per cent consisted of Japanese goods. The value of American cotbut the prices are the deciding factor in the trade.

The Hankow market for piece goods is lifeless. A few transactions Washington, Oct. 18.—Cotton piece are made in yarn, prices being well goods worth \$18,600,000 were enterunder Shanghai levels. The imports ed at the Antung Customs, China, in of printed and dyed goods show a 1922, according to reports to the marked increase, and the bulk of the imports were of British manu-

A canvas factory has recently been organized at Shanghai by a ton goods consumed in Antung in local rigger and canvas dealer and 1922 was approximately \$120,000. is expected to be completed in ap-American piece goods are popular proximately two months. The facat the prices are the deciding factory is capitalized at Mex. \$100,000, the larger part of it supplied by the The duties on the different classes organizer. The factory will produce of cotton goods are nearly all spe- approximately 1,000 yards per day cific, based on an effective ad va- and the raw material will be ob-lorem of 5 per cent. American piece tained from waste discarded by lo-goods were purchased from manu- cal cotton mills. Both fine and facturers' agents in Shanghai, none coarse grades will be manufactured.

More Output-Less Energy

If your machinery is not producing as it should and you find that new flyers, spindles, rollers or pressers would give a greater output with a lesser amount of energywe are in a position, with our equipment, to provide and place those new parts.



You cannot expect real service from flyer pressers unless they are perfectly fitted and polished when installed. Ours, made of Norway Iron, are ready for service before leaving our factory.

Southern Spindle & Flyer Co. Inc.

Manufacturers, Overhaulers and Repairers of Cotton Mill Machinery CHARLOTTE, N. C.

W. H. MONTY Pres. and Treas.

W. H. HUTCHINS V. Pres and Sec'y.

Prevents Chafing of the Thread

Where Meddles are used on a loom the warp runs freely through the smooth eye of the heddle. This uniform smoothness is made possible by a patented soldering process. Progressive mill men realize the advantage of avoiding the delays and defects due to the breakage of thread.

The care in constructing the eye of the Heddle is typical of the good construction throughout. Built of the finest steel wire tempered to the right degree, they are capable of long and sustained use.

You will probably be interested in seeing these heddles in actual operation. Let us send you some samples.



L. S. Watson Mfg. Co.

Leicester, Mass.

Gum Tragasol Agglutinates

the fibres of the yarn-cotton, woolen or worsted whichever it may be-and prevents waste of good materials by eliminating flyings.

Gum Tragasol is Cheaper

than either wool or cotton, therefore, its use is a distinct economy.

> JOHN P. MARSTON COMPANY 247 Atlantic Avenue, Boston

Fire Without Having A Cleaning Period On



THOMAS GRATE BAR COMPANY

Cocker Machine and Foundry Company Gastonia, N. C.

BUILDERS OF TEXTILE MACHINERY

Linking Warpers Linkers Balling Warpers Balling Attachments Section Beam Warpers Long Chain Beamers Short Chain Beamers Warp Splitting Machines Warp Dyeing Machines Warp Doublers and Splitters Warp Coilers Boiling Out Boxes and Warp Washing Machines Dye House Ballers.



The Standard of Excellence **Electrical Installations** IN TEXTILE MILLS AND VILLAGES

HUNTINGTON & GUERRY, Inc. GREENVILLE, S. C.

DISINFECTANT

We guarantee our disinfectant to meet any government specifications. We manufacture them ourselves, and do not fill them with rosin or other cheap fillers. Get our prices. They will surprise you

MASURY-YOUNG CO.

Established 1857

BOSTON, MASS.

Emmons Loom Harness Company

The Largest Manufacturers of Loom Harness and Reeds in America

Loom Harness and Reeds

Slasher and Striking Combs Warps and Leice Reeds, Beamer and Dresser Hecks, Mending Eyes, Jacquard Heddles

LAWRENCE, MASS.

DIXON LUBRICATING SADDLE CO.



BRISTOL. RHODE ISLAND

Use Dixon Patent Stirrup Adjusting Saddles, the latest invention in Saddles for Top Rolls of Spinning Mahines. Manufacturers of all kinds of addles, Stirrups and Levers.

WRITE FOR SAMPLE

International Textile Exposition.

(Continued from Page 25) head will embody many refinements, will have a portable oil purifier outand has 13 less moving parts than fit in operation during the exposiheads of their former design. gears are all cut instead of being cast, are totally enclosed, and the covers are readily removable to give access to the moving parts.

There will be provision for arresting all oil and grease to keep it out of the machines.

running in oil, all properly housed

There will be an electric reversing panel for changing the rotation of the motor, and a push button panel that controls the operation of the machine.

This type of circulating means dispensing with driving clutches, countershaft, drive chain belt and idlers, and with it the speed is constant with no loss of circulation, due to slipping, which characterizes all clutch drives.

Carrier Engineering Corp.

Carrier Engineering Corporation will exhibit a complete Carrier central station air conditioning equipment in operation, demonstrating the apparatus itself and operation of the automatic temperature and humidity control. They will also H. exhibit the new Carrier unit system of humidification, which has been very successfully applied to mills where the conditions did not warrant the installation of the central station system.

The exhibit will be attended by competent engineers, who will be new process drop wires, high speed glad to provide any information, braider carriers, steel bobbins and with regard to air conditioning, cop holders. which may be requested.

The Foxboro Co., Inc.

have a fine exhibition of their indi- A. M. Underwood will be in charge. cating and recording instruments. One panel is entirely devoted to indicating gauges from 2½ to 12 inches. Three panels, so arranged as to represent actual gauge boards, are mounted with indicating and inch traverse cones for the knitting recording thermometers and pressure gauges appropriate for power house application. Duplex and tri-plex draft gauges, automatic humidity controllers are also to be shown. yarn.

One of the most interesting feaperature controller, a tachometer and a Co2 recorder.

Ruggles-Klingemann Mfg. Co.

They expect to exhibit R-K graduated step action damper or fan engine regulators, R-K graduated step action regulators for operating motor driven units on control panels, R-K graduated step action differential pressure regulators, R-K graduated step action temperature control regulators, R-K electrically operated damper regulators (R-K adjustable chronometer valves, etc.

Copps Engineering Corp.

This exhibit will include the following: Turbo undergrate blowers, single unit centrifugal turbo boiler feed pumps, steam turbines, electric and steam turbine driven Vano blowers for undergrate draft, heat-ing, cooling, drying,f ventilating, Power Equipment Co.

The Power Equipment Company

The De Laval centrifugal oil purifier is the machine used in power plants, aboard ships, etc., for the purification of lubricating oil, or the dehydration of transformer oil.

Dearborn Chemical Co.

Dearborn Chemical Company will The circulating head will be exhibit samples of Dearborn prod-driven by motor and silent chain uets and reading matter perfaining ucts and reading matter pertaining to same. The Boston office will have charge of the exhibit with four representatives in attendance.

> Consolidated Steel Strapping Co. Consolidated Steel Strapping Company will show bale ties, box strapping, seals, buckles, tools for appli-

> cation, etc. All kinds of packing reinforcement supplies. American Schaeffer & Budenberg

Corp.

As usual, this company will display their complete line of "Instruments for the Promotion of Efficiency and Perfection of Products," comprising indicating and recording gauges, indicating and recording thermometers, temperature regulators, pop safety and relief valves, steam straps, etc.

The booth will be in charge of U. Nickerson and A. B. Edwards. Mossberg Pressed Steel Corp.

This concern will exhibit a complete line of their improved all-steel loom beam heads, section beam heads, split and solid type adjustable loom beam heads, steel headed jack spools, narrow fabric beams,

They will have in operation one New England Butt Company and one The Foxboro Company, Inc., are Textile Machine Company braider to occupy Booth No. 151 and will equipped with high speed carriers.

Foster Machine Co. Foster Machine Company's exhibition space, 129-131, will consist of improved models of Foster cone winders, winding six and eightyarn trade, skein winding onto cones for sweater mills, precise wind cone and tube winders for twine, thread and skilk knitting

They will also show the Foster tures will be the actual operation of system of doubling before twisting. a recording psychrometer, a tem- In this connection the Foster twoprocess method of doubling will be demonstrated. Special attachments for spoolers and winders of interest to the textile trade will also be shown.

Textile Publications.

The following textile and indus-trial publications will have display space at the Exposition:

American Dy American Wool Dyestuff Reporter, and Cotton porter, Cotton, Fibre and Fabric, Manufacturers Record, Silk Publishing Company, Southern Textile Bulletin, Textiles, Textile American, Textile World, Textile Digest.

Locke Regulator Co.

Locke Regulator Company will exhibit Locke Damper Regulator, Differential Reducing Valve, Boiler Feed Pump, Governor, New Era Reducing Valve, Boardman Fire Pump Governor, Atmospheric Relief Valve, Direct-Acting Pump Governor, Double Lever Reducing Valve, Steam
Separator, Non-Return Stop and T. C. Entwistle Company will exCheck Valve, Single Lever Reducing hibit with many new features, and lator, Open Float Steam Trap, Wa-cially to take packages. This creel, ter Regulator, Old Reliable Reduc-with packages, can be run at the ing Valve, Improved Back Pressure same speed as a regular creel with Valve, Beats All Reducing Valve, spools and we claim to get as much Renew Disc Globe Valve, Automatic production. Shut-off Valve, Check Valve.

Johnson & Bassett, Inc.

Johnson & Bassett, Inc., will have their Kwix, a cleaning compound.

one of their latest model extra

Mercury Manufacturing Co. heavy Pattern High Speed Mules on exhibition.

The Woonsocket Napping Machinery Co. The Woonsocket Napping Ma-

chinery Company exhibit will consist of 1 86-inch, 36-roll Double Action Napping Machine equipped throughout with ball bearings and The exhibit will be in charge of Control Hibboles, New England and operated by direct motor drive; 1 80-inch, 24-roll Double Action Napping Machine equipped with ballbearings and operated by direct mo-

Wheeler Condenser and Engineering

Co.
This exhibit will consist of two types of their steam jet air pumps, model of a cooling tower and a model of a small condensing plant showing a turbine, condenser and various pumps. There will also be brass and copper tubes and pipe.

Wardwell Braiding Machine Co.

This company will show their 12, 16 and 24 carrier Braiders, all operating, which will afford a good opportunity to study this product at the show

tool punching dies, metal stampings and automobile parts, wrenches, reels, beams, spools, beams and other articles which they manufac-

National Shawmut Bank.

The National Shawmut Bank will have a booth for the reception of visitors. Several representatives of the bank will be present to give information on texile banking sub-

Bradley Washfountain Co.

operation. This fountain is for use in manufacturing plants and other buildings where lavatories are rehands or face under a small shower rather than in a lavatory.

The Bahnson Co.

ston-Salem, manufacturers of the shown. Bahnson humidifiers, will have a attractive booth showing Bahnson humidifiers in operation. A number of the company's repre-

speed gear shaper and will be equip- ulator, U. S. ballcock, d'Este hyof ordinary cast bevel gears now valve, etc. used on some textile machinery.

The other machine, the thread This company will have a recep-generator, will be equipped for cut-tion booth, the exterior of which ting worms to use in the manufac- will be a miniature reproduction of ture of textile machinery.

Valve, Combination Pressure Regu- in particular a creel designed espe-

Kwix Co.

This concern exhibited samples of

This company will exhibit their new type "H" industrial tractor and industrial trailers and trucks of interest to textile men.

They will also show motion pic-

Conrad Hibbeler, New England representative, assisted by W. H. Moreau and A. L. Wood, of the Boston office.

Schumaker-Santry Co.

This exhibit will comprise a combination of products manufactured by the various manufacturers of power plant equipment whom they represent and will cover in general boiler and power house auxiliary equipment.

Elliot and Hall.

Elliot and Hall will exhibit a new type of cloth folding machine, using compressed air to hold the goods in place of springs, dogs, ratchets and other parts in use on other cloth folding machines.

Henry L. Scott & Co. Henry L. Scott & Co. will exhibit Frank Mossberg Co.

Frank Mossberg Company will have a very attractive display of their various products, including upon a frame or hadronized to the control of the contro paratus. It will consist of a row of seven vertical machines mounted upon a frame or background at the back of their space. These machines will be as follows: operated cloth tester, automatic power cloth tester, serigraph for silk tests, autographic recording cord tester, combination yarn and fabric tester, automatic power yarn tester, single strand tester.

In addition to this, they will exhibit one of their standard horizon-tal fabric testers for heavy materials, also yarn reels, scales, twist counters, shifts, roving reels, etc. This company will show one of All motor driven machines will heir Bradley Washfountains in in operation with electric drive. All motor driven machines will be

Blocker, Gregory Co., Inc.

This company will show fibre and steel glad fibre trucks, boxes and quired. It enables the user to wash roving cans, and also feature their trouble proof caster which is lint proof, self-oiling and unbreakable. A complete line of trucks and cast-The Bahnson Company, of Win- ers of every description will be

Julian D'Este Co.

This company will exhibit the Curtis engineering specialties which they manufacture. They consist of sentatives will be in attendance to the following: Curtis steam pres-welcome friends and explain the sure regulator, Curtis water pres-advantages of the Bahnson system. sure regulator, Curtis temperature Fellows Gear Shaper Co. regulator, Curtis balanced steam This company will show the high-trap, Curtis improved damper regped for cutting both spur and face draulic damper regulator, d'Este gears; face gears to take the place bucket trap, Type G valve, balanced

Oliver Johnson & Co.

a manufacturing plant, featuring

MERROWING

Established 1838

Stocking Welting Toe Closing Mock Seaming

Maximum Production Minimum Cost of Upkeep Unexcelled Quality of Work

THE MERROW MACHINE COMPANY

20 Laurel Street, Hartford, Conn.

AMERICAN TEXTILE BANDING CO., Inc

Manufacturer

Spindle Tape AND Bandings



Bolfield Ave. and Wister St., Germantown, Phila., Pa.

DAVIS SEPTIC TANKS

Our new indoor waste water sewage disposal system is the last word in sanitation and economy.

Write for partculars

J. B. DAVIS

217% S. Tryon Street

Charlotte, N. C.

FOR SALE

On account of changing product from yarns to cloth, we offer subject to previous sale the following: 2—LOWELL SPOQLERS, 1 120-spindle and 1 100-spindle, for 4½"x6"

spools, fitted with L. M. S. bobbin holders.

-LOWELL TWISTERS, with creels for 4-ply and less, single line top and bottom rolls, 6" traverse and fitted with new flange rings; 5 132-spindle, 4½" gauge and 3½" rings, and 6 144-spindle, 4" gauge and 3" rings. gauge and 3" rings.
5—LOWELL YARN REELS, adjustable for 54" and 72" skeins.
13—GANGS UNIVERSAL WINDERS, Model 50.

This machinery is in splendid condition and may be seen in opera-

CRAWFORD COTTON MILLS, CRAWFORD, GEORGIA

CABLE ADDRESS BIGBOY DOMESTIC

ALABAMA, GEORGIA DELTA AND WESTERN COTTONS

John L. Robinson & Co.



Cotton

Home Office

MEMPHIS, TENN., U. S. A.

Codes

Shepperson Codes 78, 81 and 1915 Meyers 39

> BELL and POSTAL Long Distance Phones

P O. Box 521

Buying agencies in the best staple sections in Arkansas, Oklahoma, Texas, Mississippi, Tennessee, Alabama and Georgia. All shipments given careful attention. Direct selling agency for North and South Carolina and Vir-

ROBINSON & BAGGETT

Brevard Court

Charlotte,

N. C.



LOUIS WOODS, JR., & COMPANY Cotton Merchants

All Kinds of Raw Cotton, Low Grades Especially
Types and Samples Sent on Request
Phones: Main 5417—7705
Po

Postal L. D.

MEMPHIS, TENNESSEE

WARWICK-AIKEN & COMPANY COTTON

MISSISSIPPI, ARKANSAS, TENNESSEE COTTON OF SUPERIOR QUALITY MEMPHIS, TENNESSEE

RIVERS, BENDERS and STAPLE

COTTON

105 S. Front St. Memphis, Tenn, U. S. A.

S. B. WILSON & CO. Staple Cotton

P. H. Fuller, Jr., Agt., Gastonia Offices: Clarksdale, Miss. Cleveland, Miss.

Greenwood, Miss. MEMPHIS, TENN.

Established 1896

Incorporated 1923

F. M. CRUMP & COMPANY, INC.

Cotton Merchants

MEMPHIS, U. S. A.

H. B. POTTS, Vice-President

D. H. CRUMP, President

A. C. ROBINSON, Sec. and Treas.

J. C. WILLIAMSON, Vice-President

WATSON-WHITE COMPANY

(Incorporated)

Cotton Offices:

Jackson, Tenn., Memphis, Tenn., Dyersburg, Tenn, Jonesboro, Ark. We gin over 15,000 bales of cotton annually, and would ship from gin to mills on type. Jackson, Tennessee

TIPTON & COMPANY Cotton

Tennessee, Arkansas and Mississippi

Brownsville, Tenn.

IL. W. MAGRUDER & CO. Cotton

Mississippi, Tennessee and Arkansas Staples 94 South Front St. Memphis, Tenn.



Direct Mill Correspondence Solicited

JOHNSON, WATT & CO.

Cotton

Staples and Low Grades Correspondence Invited Greenville, Texas

R. L. DIXON & BROTHER

1501 ½ Commerce Street Dallas, Texas

Buying Agencies all Principal Towns Texas and Oklahoma

their OJACO trade mark in reference to Mill White by a sign reproducing exactly their OJACO trade high-speed

The interior of the booth will be finished in OJACO Gloss Mill White on walls and ceilings with the exception of a four-foot dado in an attractive shade of gray, carrying out the color scheme adopted by a well known mill. On the walls of the booth will be hung in eight frames pictures of several well known plants that have used OJACO products and the booth will be furnished with simple furniture for the convenience of friends.

The Stack Heater Co.

This company will show a gas water heater, several sizes of indi-rect heater, New Supreme indirect heater. They will also show the safety relief valve, Stack non-by-pass tee, plumbers' gauge, steam water mixer, instantaneous steam water heater, large instantaneous steam heater.

The Dana S. Courtney Co.

Dana S. Courtney Company occupy Space No. 52. Their exhibit will consist of samples of the different styles and sizes of bobbins and spools used by cotton, woolen and jute mills, including filling bobbins, for plain and automatic looms, warp bobbins, warp or filling wind, twister bobbins, solid or three piece, speeder, intermediate and slubber bobbins, skewers and rolls, warp and twister spools, plain or with metal shields.

S. T. Packard, general manager, and J. F. MacDonald, of the sales force, will be at the exposition dur-

ing the entire week. Westinghouse Electric & Mfg. Co.

The booth of this company will be composed of machinery, or rather Westinghouse motors commonly used on textile drives, together with the starting equipment necessary to In control such motor equipment. addition to this item of major interest to textile people they shall also show some mill lighting equipment on which apparatus there is a great deal of interest and a great deal of need in most textile establishments. They will also show an electric oven which goes under the classification of electric heating devices.

Micarta material for gears and other purposes will occupy a goodly portion of hteir booth. Micarta is a special preparation which is used making gears largely and its greatest purpose is to increase the life of gears and also to eliminate unnecessary noise wherever machinery is used. The booths are 28

Walworth Manufacturing Co.

This company will have an exhibit showing Walworth power pip-Walworth Kewanee unions. ing.

F. L. BARRIER & CO. Cotton

All Kinds of Staples and Grades Memphis, Tenn.

STERNBERGER BROS.

Cotton

Brownsville, Tenn.

Adolph Saurer, Inc.
This company exhibited their igh-speed small-ware loom and the new multiple-shuttle loom. genuine Walworth stillson wrenches, type 2, and in general a representative exhibit of the 23,000 Walworth valves and tools for steam, water, gas, oil and air.

Textile Finishing Machinery Co. Textile Finishing Machinery Company will occupy Spaces No. 135, 136, 145 and 146, where they will have a great deal that is of interest to anyone connected with the textile industry. Their exhibit will be of particular interest to anyone having anything to do with the finishing of cotton and other fabrics. All Southern friends of the company are reminded that a trip to the show

just to see this display.

will be worth their time and money

Macrodi Fibre Co. Macrodi Fibre Company's exhibit will consist of a full line of fibre head warp and twister spools; also a display of packing spools for elas-

tic webbing, braids, tapes, etc. H. W. Butterworth Sons Co.

H. W. Butterworth Sons Company will exhibit a special vibratory tentering machine with many new features never tried before.

Fafnir Bearing Co.

The Fafnir textile exhibit will include hanger, boxes, pillow blocks, loose pulleys and other ball bearing power transmission units. Also a complete line of ball bearing boxes for textile machinery and standard bearings. A special feature will consist of shafting pulleys and grinder, all mounted on Fafnir ball hearings and driven by string.

Eclipse Textile Devices Co.
Their exhibit at Boston will consist of the following devices: Automatic stop motion for ring spinning. The device automatically takes care of a broken end, preventing laps waste and spoiled rolls. Automatic yarn cleaning device which thoroughly cleans the yarn on the winding operation. It removes slubs, seeds and other impurities adhering to the yarn. Random dyeing ma-chine which injects dye solution by hydraulic pressure into a cone of yarn, thereby producing a uniform random effect throughout the cone. They will also show for the first time a new automatic slub catcher. This slub catcher automatically adjusts itself to any size of yarn, therefore saving time and assuring accuracy of adjustment at all times. Masury-Young Co.

Masury-Young Company will exhibit a full line of textile lubricant, including the Lubrik line, for cotton mill lubrication, and Removoil, for removing oil stains.

B. F. Perkins & Sons, Inc.

Their exhibit spaces will be 41 and 42, Dept. A. They will exhibit Perkins cloth piler, five-roll calender, model size pump, ventilating fans, bleach ejector, tensile tester,

fans, bleach ejector, tensile tester, Mullen tester thickness gauges. New features are Perkins cloth piler and five-roll calender model reduced to quarter size and under operation.

J. H. Williams Co.

The J. H. Williams Company, the shuttle people, will show plain hand threading and automatic shuttles, heddles, heddle frames and hand cards. The exhibit is to be purely educational and those in charge are educational and those in charge are there to answer questions.

Their booth will be in charge of George Munroe and Frank Harris.

Westinghouse Lamp Co.

The Westinghouse Lamp Company exhibit will occupy Space 436 and show a complete line of Westinghouse Mazda lamps for textile mill lighting. One exhibit will por-tray steps in increasing efficiency of lighting from old 16-candle power lamp up to high power gas filled lamp of today. Another display will show improvement in incandescent lamps from 1880 to 1923, showing tendency toward better daylight tendency toward better daylight value. Photographs of interior lighting of numerous textile mills to be shown on automatic projection machine and ruggedness of West-inghouse mill type lamps shown by display of lamps on vibrating machine. Character of service furnished Westinghouse customers to be demonstrated. Exhibit will be in charge of Charles R. Davis, Boston territory district manager, and Robert B. Ely, of advertising de-partment, New York.

stop motion on three looms, cotton, worsted and silk, at Spaces 137 and 138

Lestershire Spool and Mfg. Co.

ufacturing Company very attractive exhibit, providing plenty of space for the reception of friends. They will have on display a complete showing of their line of Lestershire fibre head spools for cotton, wool and silk. The growing use of these spools will make their exhibit unusually interesting. H. C. Clinton, president of the company, and L. E. Wooten, vice-president, who has charge of the Southern office in Charlotte, will be in at-

Wadsworth Howland Co.

The Wadsworth Howland Com- Exports for the week amounted to pany has a well arranged display. 239,338 bales, compared with 108,365 showing the advantages of "Wacholite," the mill white that is so ex- the same period in 1922. and other

Other Exhibits.

The following firms, which failed to send descriptions of their exhibits. will also have space at the exposition:

position:
J. Q. Adams Co., Ainslie Knitting
Machine Co., Alsatian Machine
Works, American Steam Gauge and
Valve Co., American Tool and Machine Co., Ashworth Bros., Atkinson
Baseric Co., F. E. Atteaux, Beach
Coap Works, Boiler Kote Co., J. Jordan Brinckerhoof, Edward Brock
Co., Bundy Steam Trap Co., W. E.
Corbett, L. A. Couch, Cresson Nor-Corbett, L. A. Couch, Cresson Nor-

will be pleased to consult with you ris Co., Edward F. Curley Co., Dodge Mfg. Co., Edison Storage Battery problems. Mill men should arrange to see this unusual show.

Howard Bros. Mfg. Co.

The Howard Bros. Manufacturing Company exhibit is composed of one fast running cotton machine, one wool machine, exhibits of heddles and hand cards blending of colors throughout. Their exhibit is the best they have ever had.

A. W. Harris.Oil Co.

A. W. Harris.Oil Co.

A. W. Harris oil Company will exhibit samples of oils and greases pertaining to the textile industry. Their booth will be in charge of George Munroe and Frank Harris. ford Textile School, New England Spun Silk Co., Parks and Woolson Machine Co., Patterson Lubricating Co., Philadelphia Grease Mfg. Co., Proctor and Swartz, Quigley Fur-Proctor and Swartz, Quigley Furnace Specialties Co., Charles P. Raymon Agency, Reeves Pulley Co., Schaeffer and Buddenberg Mfg. Co., Shawbow Shuttle Co., Shawmut Engineering Co., Signode System. Starweather and Broadhurst, Geo. E. Stevens Co., Stewart Sayres Co., Stowe and Woodward, Superheater Co., Alfred Suter, Texas Co., Tide-water Oil Sales Corp., L. E. Tracy, Transmission Ball Bearing Co., Transmission Ball Valve Engineering Co., Whittenton Mfg. Co., Zinser & Co.

The Week's Cotton Trade.

An erratic cotton market was witnessed during the week ending October 19, with wide fluctuations in prices again prevailing. Final quotations for both spots and futures Rhode Island Warp Stop Equipment
Co.

Their exhibit will consist of work—

The consist ing demonstration of K. A. warp the Atlantic States during the latter part of the week were the principal contributing bullish factors. The heavy rains were reported to have further lowered the grades in al-The Lestershire Spool and Man-most all of the cotton belt, which facturing Company will have a caused further anxiety on the part of those having commitments the higher grades of cotton. Following the rains low temperatures were reported from many sections of the belt.

The dry goods markets were reported a little more active for certain lines of fabrics.

October future contracts on the New York Cotton Exchange advanced 117 points, closing at 29.67 cents. The average quotations of 10 designated spot markets advanced cents. 135 points, closing at 29.20 cents.

bales last week and 174,158 bales for

manufacturing Cotton Movement From August 1 to October 19.

1		1923	1922
-		Bales	Bales
	Port receipts	2.040,373	1,773,383
	Port stocks	622,354	963,661
g	Interior receipts	2,583,345	2,612,128
	Interior stocks		1,186,813
d	Into sight	3,793,914	
	Northern spinners'		
n	takings	337.752	397,401
h	Southern spinners'		
	takings	789,965	1,167,268
k	World's visible		
	supply of Amer-		

ican cotton _____2,395,246 3,107,474

J. C. Norfleet, Jr., Pres. Allan W. Leftwich, Vice-Pres. D. C. Groves, Secy. & Treas.

Norfleet, Leftwich & Co., Inc. Cotton

109 S. Front Street

Memphis, Tennessee, U. S. A.

We handle all American Growths Also China Smooth Cotton LOW GRADES OUR SPECIALTY

All Numbers, Regular, Reverse and Fancy Twists.

Mills wishing to sell direct to discriminating customers please write, stating counts and quality, carded or combed, skeins, ball or chain warps, tubes or cones.

Sales to customers by wire on mill's acceptance and approval.

Edward J. McCaughey

YARN BROKER 51 Arlington St., Pawtucket, R. I. DIRECT MILL AGENT

WENTWORTH **Double Duty Travelers**

Last Longer, Make Stronger Yarn, Run Clear, Preserve the SPINNING RING. The greatest improvement entering the Spinning room since the advent of the HIGH SPEED SPINDLE.

Manufactured only by the

National Ring Traveler Co.

Providence, R. I. 31 W. 1st St., Charlotte, N. C.



Manufacturers Should Look Up the Advantages of

Metallic Drawing Roll

Over the leather system before placing orders for new machinery, or if contemplating an increase in production, have them applied to their old machinery. It is applied successfully to the following carding room machinery:

Railways Sliver Lap Machines Ribbon Lap Machines Comber Draw Boxes

Detaching Roll for Combers Drawing Frames Slubbers Intermediate Frames

25 TO 33 PER CENT. MORE PRODUCTION GUARANTEED

For Prices and Circular Write to

The Metallic Drawing Roll Co. INDIAN ORCHARD, MASS.



P. E. HENSON & CO.

Cotton

All Grades and Staples Little Rock, Ark.

S. BLUTHENTHAL & CO.

Established 1865

All Grades of Arkansas Cotton Pine Bluff, Ark.

A. M. Williams A. L. Betts HOPE COTTON CO.

Incorporated Arkansas Cottons All Grades and Staples 35 Years in the Cotton Business Hope, Arkansas

C. H. Crutchfield E. W. Crutchfield

C. H. Crutchfield & Co.

Established 1909 Benders and Extra Staples Hope, Arkansas

S. C. Alexander & Co.

Established 1886 Heavy Bodied Arkansas Cotton Pine Bluff, Ark.

The Jefferson-Lincoln Cotton Growers Assn.

An organization of farmers who wish to sell direct to mills.

Pine Bluff, Ark.

JUNIUS JORDAN, JR. Cotton Shipper Pine Bluff, Ark.

E. F. CREEKMORE & CO.

Arkansas-Oklahoma-Texas

Cotton

Fort Smith, Ark.

C. C. BURROW & CO.

Cotton

Twenty-six Years in the Cotton Business All Grades and Staples of Arkansas Cotton

Little Rock, Arkansas

FRIEDMAN V. HASSON

Cotton Commission

Tuscaloosa, Ala., Texarkana, Ark.-Tex., Meridian, Miss.

Texarkana, Ark.-Tex.

C. G. DAVIS & COMPANY

Cotton for Spinners

Texarkana, Tex.

ARKANSAS COTTON GROWERS' COOPERATIVE ASSOCIATION

Main Office, Little Rock, Arkansas Shippers of All Kinds of Arkansas, Tennessee and Missouri Cotton F. L. PAGE, Gen. Mgr. Cotton Department

R. A. DOWNS & COMPANY

Cotton

All Grades and Staples of Arkansas Cotton Pine Bluff, Ark.

Link-Belt Acquires Meese & Gott- icy of expansion placed its manufried Company.

& Gottfried Co., of San Francisco, freight rates. Los Angeles, Seattle and Portland.

Company has been distributing its plants: products on the West Coast through its subsidiaries, the Link-Belt 1. Chicago plant and office, 300 Northwest Company, of Seattle, and West Pershing Road. Manufactur-the Link-Belt Pacific Company, of ing general elevating, conveying and San Francisco. The improvement in power transmission machinery; lodistributing facilities effected by the should give the rapidly-growing in- equipment, coal and ashes handling dustries of the Pacific Coast highly machinery. economical and efficient service.

Meese & Gottfried Co., and its predecessors, have been manufacchinery and distributors of conveying and transmission machinery on elevator buckets and casings, and the coast for more than forty years, general power transmission maand were well and favorably known from the Canadian to the Mexican border. It is the intention of the new owners to add to the facilities and enlarge present stocks, so that prompter service to its customers will be insured.

The new organization will be known as Link-Belt Meese & Gottfried Company, with headquarters dling equipment. at San Francisco. The officials will 4. Olney Foundry Co., 180 West be: Charles Piez, chairman of the Duncannon avenue, Olney station. B. A. Gayman, president; Gray iron castings. Harold H. Clark, vice-president and 5. Dodge Steel Co., State Road sales manager; Leslie W. Shirley, Tacony station. Electric steel cast-treasurer; Richard W. Yerkes, sec-ings.

Yerkes came to Chicago from the newly-elected treasurer and ufacture of Link-Belt silent chain secretary of the Link-Belt Com- drives, Link-Belt roller chain pany, to succeed Mr. Gayman. All drives, automobile front end drives. officers, with the exception of Mr. the company's headquarters, San Francisco

In Seattle, the Link-Belt North-In Seattle, the Link-Belt North- 8, Belmont Foundry, 202 S. Belwest offices, warehouse and shop mont Ave. Malleable iron chains, will house the new organization, buckets and miscellaneous castings. while at San Francisco, Portland and Los Angeles, the former Meese & Gottfried plants and offices will be used. The offices, plants and warehouses are now as follows:

San Francisco, 19th and Harrison streets; Los Angeles, 400 East Third machinery. street; Seattle, 820 First Avenue, So.; Portland, 67 Front street.

facturing plants and warehouses near its markets, so that users of Piez, president of the materials, handling and power Link-Belt Company, Chicago, an- transmission equipment may be nounces the purchase of the Meese provided with prompt service at low

Link-Belt organization now in-For the past ten years Link-Belt cludes the following manufacturing

1. Chicago plant and office, 300 West Pershing Road. Manufacturcranes, crawler cranes, comotive consolidation, and the additional coal tipple and coal washing equip-manufacturing facilities acquired, ment, sand and gravel washery

2 Caldwell plant and office, H. W. Caldwell & Son Co., 1700 S. Western This plant specializes in the Ave. turers of power transmission ma- manufacture of Helicoid and screw conveyors, machine molded gears. chinery.

Philadelphia.

3. Philadelphia plant and office, 2045 Hunting Park avenue, Nicetown station. Manufacturing elevating and conveying machinery, portable loaders, portable belt conveyors. electric hoists, vibrating screens. sewage screens, coal and ashes hun-

5. Dodge Steel Co., State Road,

Indianapolis.

Mr. Yerkes came to Chicago from 6. Dodge plant and office, 515 N. the Link-Belt Philadelphia plant as Holm esAve., is devoted to the manthe newly-elected treasurer and ufacture of Link-Belt silent chain

7. Ewart plant and office, 202 S. Piez and Mr. Yerkes, are located at Belmont Ave., making all classes of malleable iron and heavy steel sprocket chains.

San Francisco.

9. Link Belt Meese & Gottfried Co., with plant, warehouse and office at 19th and Harrison streets, manufactures general elevating, conveying and power transmission

10. Link-Belt Meese & Gottfried Link-Belt Company has in its pol- Co., with plant, warehouse and of-

J. E. ATKINS & CO. Cotton

Arkansas Cotton a Specialty

Fort Smith, Ark.

Planters Cotton Company Cotton Merchants

Buying in Principal Towns in Arkansas and Mississippi We Ship on Actuals Helena, Ark.

Anderson Cotton Co. Cotton Merchants

Delta Character Cotton Helena, Ark.

JETT WILLIAMS & CO.

Cotton

A. S. Williams Jett Williams

All Grades and Staples Hope, Arkansas

W. F. EVANS & CO. Cotton

In the Heart of the Delta Mississippi and Arkansas Rivers, Benders and Staple Cotton Helena, Ark.

COBB COTTON CO. Cotton

Mississippi Delta Staples Our Specialty Helena, Ark.

Toronto, Ont., Canada.

11. Link-Belt Limited, with plant, warehouse and office at Wellington and Peter streets.

Branches.

Link-Belt Company branch sales correspondingly strengthen.'
offices are at the following addresses:

1. Atlanta, Ga., 24 Marietta St.; 2. Birmingham, Ala., 720 Brown-Marx BBlBdg.; 3. Boston 9, Mass., 49 Federal St.; 4. Buffalo, N. Y., 745 Elli-cott square; 5. Charlotte, N. C., 909 Commercial Bank Bldg.; 6. Cleve-land, Ohio, 329 Rockefeller Bldg.; Dallas, Texas, 709 Main Denver, Colo., 520 Boston Bldg.; 9. of one pair of weevils being practi-Detroit, Mich., 4222 Woodward cally thirteen million in a single Ave.; 40. Huntington, W. Va., Rob- season), very few are able to sur-son-Prichard Bldg.; 11. Kansas City, vive the winter months; not enough Mo., 307 Elmhurst Bldg.; 12. Louis- to do any great damage to the cotville, Ky., 321 Starks Bldg.; 13. New Orleans, La., 504 Carondelet Bldg.; multiplied by the millions and the 14. New York, N. Y., 2676 Woolworth Bldg.; 15. Pittsburgh, Pa., 335 Fifth Ave.; 16. St. Louis, Mo., 1016 Central National Bank Bldg.; 17. Wilkes-Barre, Pa., 826 Second National Bank Bldg.

Link-Belt Meese & Gottfried Co. operate branch sales offices at: Los Angeles, Calif., 400 East Third St.; 19. Portland, Ore., 67 Front St.

Link-Belt Limited branch sales office: 20. Montreal, Que., Canada, 10 Gauvin Lane.

Announcement by Mathieson Alkali vil eggs deposited in cotton squares works. Or bolls that ever reproduce. Works.

The Mathieson Alkali Works has mailed the following letter to the trade:

'A sincere effort to consider thoroughly the changes in the present bleaching powder market has delayed announcement of prices to apply on the last quarter of your contract until the present moment.

"It is our opinion that the unreduced cost of manufacture of this commodity, together with the wellknown effect of cool weather are already having their effect on the market situation and that the general trend for the rest of the year will be towards the prices supplying the first half of 1923.

our contracted customers and for cient thoroughness. from last year's price to a figure of one dollar and sixty-five cents (\$1.65) per hundred pounds is announced herewith as applying to the deliveries during the last product of the last price o deliveries during the last quarter of

It will also be the company's policy to modify to this figure all contracts for carload quantities in standard drums which have been taken without the usual quarterly revision clause.

The company also recognizes, and does not refrain from publicly stating that some large contracts for liquid chlorine in tank car quanti-ties are still being negotiated for periods of twelve (12) months, at under four cents (4 cents) per pound f. o. b. factory. With regard to the price which

would apply on either bleaching powder or liquid chlorine for con-tracts for delivery over 1924, the company wishes to state that obser-

fice at 820 First Ave., So., manufac-vation of the market situation for a tures elevating, conveying and further period will be necessary be-power transmission machinery. nounced.

"It si hoped that bleaching powder will move to a point where there is some margin of profit in its sale and that the price on liquid chlorine will

Red Bird Club to Fight Weevil.

The plan of the National Chapter of the Red Bird Club is to organize the children throughout the cotton belt into an army to fight the cotton boll weevil, using the school houses as mobilization centers.

While the boll weevil multiplies St.; 8. very rapidly (the possible progeny to do any great damage to the cot-ton crop. It is only after they have multiplied by the millions and the

If the children can be organized and sent into the cotton fields to catch and destroy the few winteredover weevils as they emerge from hibernation, before they can start their excessive reproduction, it is felt that this "Billion Dollar Ban-dit" can be controlled and event-ually exterminated, especially in view of the fact that it is only wee-

Government entomologists tell us that the period of emergence from hibernation, while prolonged, never extends beyond July 1st, even in the northern part of the cotton belt; hence the children, by keeping the cotton plants free from live weevils and punctured squares up to that date, can be of material service in controlling the weevil. In fact, it is believed in the larger portion of the cotton belt they can practically control the weevil by devoting the month of June to this work. Farm-Bulletin No. 1329, issued by the United States Department of Agri-culture, states that weevil control by hand picking of the adult weevil and infested squares has been thor-"However, some recognition of the oughly tested and is undoubtedly disturbances must be made by us to efficient when practiced with sufficient values of the oughly tested and is undoubtedly

Netherlands imports of raw cotton from the United States decreased 10,174 metric tons in the first half of 1922 to 8,797 metric tons for the corresponding period this year.

> T. E. DAVIS COTTON DAVIS, OKLA.

ACALA COTTON CO. Agents

Farmers Labor Union Save Middle Man's Profit. Try Us.
Direct from Producer to Mills Durant, Oklahoma



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Eastern Oklahoma, Arkansas and Texas Cotton Main Office, 114 McKibban Building, Muskogee, Okla. Branch Office, Victoria, Texas

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Cotton

Staples a Specialty Shawnee, Oklahoma

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OKLAHOMA COTTON GROWERS ASSOCIATION

A Co-operative Marketing Association for the Benefit of Its 55,000 Cotton Grower Members Cotton Classed and Sold in Even Grades and Staple

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IRBY-CLARKE

All Descriptions of Oklahoma Cotton

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Oklahoma City

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All grades of Oklahoma Cotton
We buy direct from the Farmer, and would like to do a regular
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Members Texas Cotton Association, New Orleans Cotton Exchange
Codes: Meyers' 39th Edition, Shepperson's 1878-1881

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All Grades Oklahoma Cotton Member Okla. State Cotton Exchange Ada, Oklahoma

H. T. KIMBELL

Buyer and Shipper of Western Oklahoma Cotton Altus, Oklahoma

JOHN G. WEAVER

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Texas, Oklahoma and Arkansas Chickasha, Okla.



BARNWELL BROTHERS

GREENWOOD, MISSISSIPPI Shippers--COTTON--Exporters

Selecting Benders and Staples a Specialty Buying Agencies Throughout the Delta

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MEMPHIS - TENN.

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Mississippi Delta Staples Home Office

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New Orleans, La

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WM. SIMPSON COTTON CO.

> Not Incorporated Little Rock, Ark., and Memphis, Tenn.

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S. L. DODSON & CO. **Cotton Merchants**

Domestic-Export BENDERS AND STAPLES Main Office: Clarksdale, Miss.

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CHASSANIOL & CO.

High Grade Staple Cotton

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Domestic-COTTON-Export

J. F. RODGERS & CO.

CLARKSDALE, MISS.

Merchants and Shippers Cable Address "Rodchurch"

B F. OLIVER & CO

COTTON

Staples and Benders Clarksdale, Miss.

Going to Augusta. (Continued from Page 23) burg Mills of the Martel Mills at

Batesburg, where we met for the first time R. Leatham, Jr., the superintendent. Mr. Leatham is a cotton manufacturer of long experience and we spent a pleasant half

hour with him.

After taking dinner in Batesburg we drove to Warrenville, where we again found a mill idle because of low water, but we had the pleasure of meeting the superintendent, C. S. Timmerman, and spent a while with

At the Langley Mill office we met ed during September was 24,941,676, F. E. Schumpert, but found that our or at 93.2 per cent capacity on a friend, Geo. Spofford, was away, so single shift basis. went to the mill and had a pleasant visit with Supt. J. A. Asbelle. While we were with him the of-

fice phoned that Mr. Spofford had come in and wanted to see us, so we drove to his office and enjoyed a

half hour with him.

We stayed there longer than we intended, for he was expecting David Tousignant and Frank J. Clark, but as they did not come we drove to Mr. Tousignant's office at the Aiken Mills but he had just left

There being no other mills to visit we drove to the Richmond Hotel in Augusta, arriving there about

After the barbecue on Friday afternoon, G. A. Franklin invited us to visit the Sibley Mills and C. L. Upchurch offered his car, so, company with Mr. Upchurch, I. B. Grimes and James Newsome, we visited the Sibley Mill and were very much impressed with its equipment and efficiency. It seems that since Mr. Franklin took charge there has been much new machinery installed and the entire plant brought to a state of great efficiency.

After leaving the Sibley Mills we stopped for a short while at the J. P. King Mills to see the Barber-Colman automatic spoolers and warpers. We had seen them operate at the Capital City Mills in Columbia but the others had never seen them, and their ease of operation and production were a reve-

We left Augusta at noon on Saturday with our back seat occupied by J. A. Chapman, Jr., Louis Thomason and W. H. Monty, and threw a dust screen from Augusta to Char-

Increased Production in Luxemburg Textile Industry.

The increase of production in the Luxemburg textile industry is no-ticeable, says Vice Consul E. Schuler, Brussels, reporting to the Department of Commerce. For cloth it was 58 per cent and still did not reach the level of 1920. In hosiery, however, the 1922 production surpassed that of the previous year and also the 1920 output.

Active Cotton Spindles Reported At

Washington, Oct. 20.-There were 37,491,706 cotton spinning spindles in place in the United States on September 30, of which 33,929,885 were operated at some time during the month, the Bureau of the Census reported today.

The aggregate number of active spindle hours reported for September was 7,482,060,995. Based on an activity of 9.7 hours per day, the average number of spindles operat-

The average number of active spindle hours per spindle in place for the month was 200.

Knitting Arts Exhibition.

The Twentieth Annual Convention and Knitting Arts Exhibition of the National Association of Hosiery and Underwear Manufacturers will be held at the Commercial Museum, Thirty-fourth and Spruce streets, Philadelphia, April 7 to 11, 1924, inclusive, according to a statement clusive, according to a statement issued by John Nash McCullaugh, national secretary and industrial manager, following a conference of members at the association's headquarters, 334 Fourth avenue.

The convention of the association will be held Tuesday and Wednesday, April 8 and 9, for which a ten-tative program has been arranged. Four technical papers, dealing with problems of the industry, will be read by members of the association. Other features will be added from time to time as arrangements are completed.

At a conference recently, the following were appointed as the program committee: John Wyckoff Mettler, of the Interwoven Stocking Company, new Brunswick, N. J.; George F. Dickson, Minneapolis Knitting Works, Minneapolis, Minn., and Walter W. Moyer, of Walter W. Moyer, Ephrata, Pa.

The hosiery and underwear show, held in conjunction with the exhibi-tion for the first time at the last exhibition, will be held again at the twentieth exhibition on a larger and more pretentious scale. It is understood that plans for the style show are now being considered by the exhibition committee. Chester I. Campbell, of Boston, Mass., prominent in exhibition circles, will have charge of the exhibition again.

I. L. JONES & CO. Cotton

Missippi Delta Staples Greenwood, Miss.

HUMPHREY & COMPANY

Cotton

Benders and Extra Staples

Greenwood, Miss.

Established 1894 Most careful personal attention to shipments of every sale to secure

most perfect uniformity of staple and character.

Ask any of our mill customers as to our service

Branch offices at every Compress point in the Yazoo Mississippi



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Successors to BELL-SHAW CO.

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Cotton Texas and Oklahoma Cotton.

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Texas Cotton A Specialty All Grades

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New York

Dallas

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All grades Texas Cotton

BEST CURRENT PRICE Shipped Direct to Mills San Antonio, Texas

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T. L. ALLEN

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Henderson Cotton Co. Regular and Irregular Cotton Sell on Actual Samples

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Texas Cotton

Temple, Texas

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Cotton

All Grades and Staples Cuero -:- Texas

George V. Launey & Co. Cotton

Domestic-Export Dallas, Texas

W. H. BARRY

Brazos Bottom Cotton—Cotton Merchant

Navasota, Texas

MANNING - GRINNAN & COMPANY

Dallas, Texas

Handle Texas, Oklahoma, Arkansas and

Louisiana Cotton.

WIGGINS & HORN

North Texas Black Land Cotton

McKinney, Texas

FLOYD WILLIS & CO.

Texas and Oklahoma

Cottons

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Lucius Rash, President I. L. Brin, Vice-President

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Cotton

Members Texas Cotton Association Terrell, Texas

C. J. O'NEAL & CO.

Cotton

Merchants and Shippers Gainesville, Texas

L. W. RUTLAND & CO

Cotton

Domestic Shippers Sulphur Springs, Texas

WILLIAM PAGEN & SON **Good Spinning Cotton** Sulphur Springs, Texas

LEO NEAL Cotton.

Commerce, Texas Inch sixteenth to inch eight a specialty. Correspondence Invited JAS. T. ROUNTREE & CO.

Cotton

Paris, Texas

ROBERTS & CARTWRIGHT Cotton

Terrell, Texas

H. SEAY Shippers Texas, Oklahoma and Arkansas Cotton

Low Grades Specialties Greenville, Texas

RHEA & COMPANY

Cotton

Texas Black Land Cotton McKinney, Texas We Ship What We Sell



COLIU Let Us Quote You

Southeastern Selling Agency

LESSER-GOLDMAN COTTON COMPANY

P. H. PARTRIDGE, Agent, Charlotte, N. C.

Extra staples, and good 1 1-16 and 1 1-8 cotton from Arkansas, Oklahoma, and Texas, and Memphis territory

STEWART BROTHERS COTTON COMPANY

,Incorporated) of New Orleans, La.

Charlotte, N. C.

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Rock HIII Phone 695

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B. B. JACKSON

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SHEPARD W. KING
Dallas, Texas
MANNING GRINNAN & CO.

Dallas, Texas Postal Greensboro, Phone 2867

B. H. PARKER & CO. Cotton Brokers

Staples a Specialty
1878-1881 Bell Phone 51 Codes 1878-1881 Gastonia, N. C.

GEO. M. ROSE, JR. COTTON

191/2 East Fourth Street Charlotte, N. C.

GRAY-BARKLEY CO., INC.

Staple Cottons

Gastonia, N. C.

COTTON All Grades—Long and Short Staples

Lincolnton, N. C. KENNETH GRIGG & CO.

H. H. WOLFE & CO COTTON

Monroe, N. C.

Cotton Goods

New York.—The cotton weeks back, having gained about reports; 7% to 7½ for 27-inch, 64x half of the loss registered at that 60, 7.60 yard; 5% for 25-inch, 10.55 time. There was a fairly good depart of the loss registered at that 60, 7.60 yard; 5% for 25-inch, 10.55 time. There was a fairly good depart of the loss registered at that 60, 7.60 yard; 5% for 27-inch, 9.00 yard. There had been some interest in mand for print cloths, sheetings and There had been some interest in some of the higher convertibles, late deliveries of 40-inch, 2.50 yard. The demand for finished goods was sheetings. Some cheap goods had

business in bleached cottons. Percales sold moderately. Shipments of goods on old orders are going forward steadily, most goods being wanted when shipped.

The market for cotton duck was irregular and it was possible to get concessions on some constructions. There was only a light demand for tire fabrics.

Further curtailment in Eastern mill centers was reported during the week. Ginghams and colored goods mills in New England have not lately received enough business to keep

them fully employed. More interest was shown in gray goods at the end of the week. Inquiry was fairly large on Friday and Saturday. There was some bidding for future delivery, but mills and agents were firm for slight advances. Bids of three-quarters of 64x60 5.35-yard were refused, with 9% cents the best that could be done, some sales being made at that figure. For delivery into the first quarter of next year 10 cents was asked. Inquiry for 39-inch, 56x44, 6.60 yard, was reported, with 8½ heard for nearby; and some not interested in this price for the last two menths of the year. For 44×40. two months of the year. For 44x40, 8.20 yard, 7 was the market for contract; 8 for 48 squares, 7.15 yard. Fall River sold some 8.20s at 71% cents. There had been reports of fair business in 44-inch, 48 squares, 6.40 yard, late last week at 8% cents

goods East. For 44-inch, 44x40, 7.25 yard, markets were steadier last week and 8½ was quoted. The market on 32-prices on several lines showed an inch, 46x60. 6.50 yard, was 9. Eastern advance of the low price of two goods at that price, according to last

light. been obtained in second hands.

Wash goods sold fairly well for First hands quoted 17½ net for future delivery. Ginghams continued nearby, and wanted one-quarter rather dull and there was little more for late. In 40-inch, 2.85 yard, 45½ was reported, with several quoting a little higher for later contract. Some cheap goods had been obtained in second hands. IIn 40inch, 60x56, 3.60 yard, 13 in second hands, and one-quarter more had been paid in first hands; 40-inch, 4.25 yard at 11 net in second hands, and 11% net in first hands; 13 net the quotation for 40-inch, 3.75 yard; 10 net for 40-inch; 5.00 yard; 91/2 for 40-inch, 5.50 yard.

Business in combed goods has not been active. In a number of styles, as mentioned previously, certain mills have sold good makes of cloths at one-quarter under their best prices of a week previous. Good make of 40-inch, 38x80, 8.50 had been obtained at 15½. Certain other goods were reported to have brought 16 for spots, in a limited way. In 40-inch, 96x92, 7.50 yard, good make at 17½ was reported; spots of another make sold cents. For 40-inch, 76x72, 9.00 yard, a good make at 12½ was noted. The range was considered from 121/4 in second hands, up to 12%. For 40-inch, 84x80, 10.50, 15 to 15%.

Cotton goods prices were quoted on Saturday as follows: Primary 28-inch 64x64s, 8 cents; 64x60s, 7% cents; 38½-inch 64x64s, 10% cents; brown sheetings, Southern stand-ards, 16¼ cents; tickings, 8-ounce, 27 cents; denims, 2.20s, 23 and 24½ cents; staple ginghams, 19 cents; standard prints, 9¼ cents, nominal; dress ginghams, 21½ and 24 cents.

J. EDW. KALE & CO. Cotton Brokers and Merchants

Extra Staples and Short Cotton Lincolnton, N. C.

L. R. CAMPBELL Cotton

Seventeen Years In Durant Oklahoma

For Quick Sale, Ready to Ship: 1,500 4" x 5" warper spools, with 1%" barrel, Boynton shield, 2 pins each head, good condition, \$85.00.

M. L. E. Hale, Williamson, Ga.

Wanted — Position as paymaster or book-keeper with mill. Have held present position over 7 years. Also experienced as overseer. Address L. W., care Southern Textile Bulletin

BKC

TRADE MARK

WARP TYING MACHINES HAND KNOTTERS WARP DRAWING MACHINES AUTOMATIC SPOOLERS HIGH SPEED WARPERS

BARBER-COLMAN COMPANY
BOSTON, MASS. GREENVILLE, S.C.
MAIN OFFICE AND FACTORY:
ROCKFORD, ILL. U.S.A.

The Yarn Market

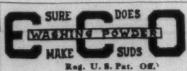
Philadelphia, Pa.—There was very little change in the yarn market last week. The price list, with the exception of a few fluctuations, was little changed from that of the previous week. The mills were firm in their price ideas, but only a small amount of business was done. Buyers show little interest in future contracts, being mainly concerned with prices they can get on small lots for quick shipment. There were a number of inquiries for fairly large lots for late delivery, but no actual sales followed the inquiry. Dealers who had stock lots of yarn were selling them at 2 or 3 cents below spinners' prices. Buyers were willing to pay prices that prevailed a week ago, but mills have stiffened, many spinners' quotations being 2 cents a pound higher.

Weaving yarns showed advances during the week, spinners quoting 50 to 52 cents for 20-2s warps and 55 to 56 cents for 30-2s. Recently dealers have sold 20s warps from stock at 48 cents and 30s at 53 cents. Prices on carpet yarns were considerably firmer. Dealers believe that buyers will be unwilling to meet these higher prices unelss cotton continues higher for another week. Little change was noted in the

Little change was noted in the 24s combed yarn division. Prices have 30s shown little variation from those of 40s 30s the past two weeks. It is believed that buyers of combed yarns are covered for at least two more weeks and more interest in combed yarns is expected by the second week in November. Sales of combed last week were mainly for small quantifies for spot and prompt delviery. Mercerized yarns have not been active following the spurt they had 28s several weeks ago. Sellers are expecting another buying move in 18s several weeks ago. Sellers are expecting another buying move in 18s of 18s of

Cotton yarn prices were quoted in this market as follows at the close of the week:

	Single Skeins.		
		42	8
108		43	a
28		44	a



BEST for CLEANING MILL FLOORS

Poland Soap Works

Anniston, Ala.

Section and designation of	NAME AND ADDRESS OF THE OWNER, WHEN PERSONS AND PARTY OF THE PARTY OF	No. of Lot, House, etc., in such states of the lot, the l
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208		45½a 48 a
248	and the agreement can be seen seen and but seen the map and but right has the seen below the test map was	
		50 a
26s		51 a
308	Clarity 144	52½a53
0-	Single Warp.	
88		44 a
108		44. a
128	and up arts and the real flavores can extract the contract for the part and part and part are	45 a
148		46 a
168		47 8
208		481/2a49
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308	THE RESERVE THE PROPERTY OF THE PARTY OF THE	53 a531/2
40s	MORE SERVICES IN COMPANY AND ADDRESS.	62 a
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8 2-4 tin	ged tube	40 a40 1/2
8 3 4 hou	rd white warns twist	40 a40 ½ 42 a42 ½
8 2 4 ha	ed twist waste	10 242/2
o a-4 nai	rd white warps-twist rd twist waste Two-Ply Skeins.	40 a
0	I wo-Ply Skeins.	49
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108		44 a
128		45 a
148		46 a
168		47 a
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		521/2a
268		03 8
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40s		63 a65
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128		43 a
148		43 1/28
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188		46 0
208		461/2a47
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26s		49 850
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30s tvin	or_in	50 95014
TWO	Ply Combed Peeler Skei	ns and
	Warps.	unu
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208		61 a63
248		
30s		65 a 68 a 70
408		
		77½a
608		95 a
60s		95 a
70s		1 05a
80s		1 15a1 20
10.	Peeler Yarn.	40
108		46 a

Textile Employment Showed Increase.

Washington, Oct. 12.—Increased activity in five of the 14 basic industries is the outstanding feature of the analysis of industrial employment conditions for the month ended September 30, made public yesterday by the U.S. Department of Labor.

"It is interesting to note," the report states, "that among the encouraging increases reported are found textiles and their products, which during the month of August curtailed operations extensively, and considerable of the slack employment in this industry was taken up in September with a much brighter outlook for steady employment in the mills than has been the case for the past few months."

Paulson, Linkroum & Co., Inc. 52 Leonard Street, NEW YORK CITY, U. S. A. COTTON YARNS

Philadelphia

Providence

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CATLIN & COMPANY

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BOSTON I

PHILADELPHIA

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Commission Merchants

Cotton Cloth and Cotton Yarn

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Sugar Creek Coal Sales Company

Famous Sugar Creek Smokeless Minerun Coalburg Seam Splint Domestic Lump and Egg

R. G. Wooldridge, Eastern Sales Agent
 501 Richmond Trust Building, Richmond, Va.
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Want Department

COMPLETE DYEHOUSE EQUIPMENT

Special Machinery For Textile Mills The Klauder-Weldon Dyeing Machine Co. Bethavres, Pa.

For Sale at Bargain for Cash. Machine Shop Equipment.

One 14" swing, 4 ft. bed, Jones & Lamson Co. Lathe, with face plate and 4" jaw chuck. One 20" Hoefer Drill Press, com-bined lever and worm feed, 4"

vise on plate.

One E. Gould & Co., Newark, N. J., Gear Cutter to include 24 dies of different pitch, motor attached or belt driven.

One Double Arbor Emery Wheel Stand. Shafting, Belting and Tools in-

cluded in this sale. Address "Shop Equipment," care Southern Textile Bulletin.

Wanted.

First-class overseer for carding and spinning. Mill of seven thousand spindles. Must be reliable, hustler and good manager of help. Address L. H., care Southern Textile Bulletin.

Wanted-One second hand for wanted—One second hand for night carding; one who thor-oughly understands fixing H. & B. machinery. Address A. L. Dill-worth, Caswell Cotton Mills, Inc., Kinston, N. C.

Wanted.

Good Draper loom fixer; plain work; 55 hours week; day work. Address Fixer, care Southern Textile Bulletin.

Wanted-Man

For general overhauling on spinning and twisting. Address David S. Thomas, Glendale, S. C.

Wanted-Textile Salesmen for South Carolina, Georgia and Alabama to handle established specialty as side line on commission. Address P. O. Box 1014, Charlotte, N. C.

We want fixer for fifty new Draper Model K dobby looms. Must be sober and reliable. Su-perintendent, Box 668, Fayetterille, N. C.

Auction Sale of Cotton Mill Machinery, Cotton Mill Building and Mill Cottages

All machinery, two-story brick mill building and eleven mill cottages, property of the Belbro Mills, will be offered for sale at auction on Monday, November 19th, 1923, at the Court House Door, Charlotte, North Carolina, at twelve o'clock noon. Right reserved to reject all bids. served to reject all bids.

For full particulars write or wire Frank H. Kennedy, Receiver, Law Building, Charlotte, N. C.

100-spindle 4x6 Draper Spool-

5 Entwistle Section Warpers.

200 26x54 Section Beams. 1 11x5½ Slubber. 2 9x4½ Woonsocket Intermedi-

ates. No. 30 100-spindle Foster Cone Winders (Motor Drive). All the above machinery has

been used just a few years and practically new and quick delivteries can be made. Address Tex-tile Machinery Exchange, P. O. Box 1355, Charlotte, N. C.

HYDROSULPHITES

Bisulphite of Soda-Powder

Send Us a Trial Order

Somple Card and Lowest Quotations on Request

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U. S. Ring Traveler Co. 159 Aborn Street, PROVIDENCE,R. I.
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U. S. Ring Travelers are uniformly tempered which insures even-running spinning. They are also correct as to weight and circles. Quality guaranteed.

C. M. KIRKMAN & COMPANY

Cotton

Arkansas and Mississippi Cotton

Heavy Benders and Staples a Specialty

Helena, Arkansas

MONOPOLE OIL

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A specialized textile oil, highly concentrated and double sulphonated which is used to better advantage wherever a Turkey Red or Soluble Oil has been employed because— MONOPOLE OIL holds in solution all foreign matters and prevents the formation of lime soaps, iron spots, Calcium or Magnesium Salt, and thus

> Promotes level dyeing; Assists in better penetration of dyestuff; Increases the lustre; Gives more body and a desirable handle.

For the best results in dyeing, bleaching, mercerizing and finishing of wool, cotton and silk, try this specialty.

Allow us to send samples. The product will prove itself.

Jacques Wolf & Company
MANUPACTURING CHEMISTS AND IMPORTERS
PASSAIC, N. J.

DRAKE CORPORATION

"Warp Dressing Service Improves Weaving"

NORFOLK - -**VIRGINIA**

EMPLOYMEN BUREAU

The fee for joining our employment bureau for three months is \$2.00 which will also cover the cost of carrying a small advertisement for one month.

If the applicant is a subscriber to the Southern Textile Bulletin and his subscription is paid up to the date of his joining the employment bureau the above fee is only \$1.00.

During the three months' membership

During the three months' membershi we send the applicant notices of all vacancies in the position which he desired with the desired with the desired man who joins our employment bureabut we do give them the best service of any employment bureau connected with the Southern Textile Industry.

- WANT position as overseer weaving. Familiar with variety of weaves and can furnish excellent references. Ad-dress No. 3805.
- WANT position as superintendent, over-seer weaving. Thoroughly trained in all departments of mill, I. C. S. grad-uate. Understand jacquard weaving. Age 30, married, no bad habits. Good references. Address No. 3806.
- WANT position as overseer spinning or as assistant superintendent by man who can get results, either yarn or weave mill. Best of references. Address No. 1807.
- WANT position as overseer spinning. Age 37, 12 years as overseer. First class references. Address No. 3808.
- WANT position as superintendent, or overseer large card or spinning room High class man, experienced and prac-tical, references to show good past rec-ord. Address No. 3809.
- WANT position as superintendent of large yarn mill. Have been overseer and superintendent in some of best yarn mills in North Carolina. Have fine record as to quality and quantity at low cost. Address No. 3810.
- WANT position as carder or spinner or both. Capable of handling large room in first class man. Long experience, fine references. Address No. 3811.
- WANT position as carder or spinner. Ex-perineced mil man, now running card room at night but want day job. Good references as to character and ability. Address No. 3812.
- VANT position as superintendent. Practical man of long experience and ability to get good results. Now employed as superintendent. Good references. Address No. 3813.
- WANT position as master mechanic Have had 24 years experience in cottor mill shops both steam and electric drive. References. Address No. 3813-
- WANT position as overseer weaving on Draper looms, plain white goods preferred. Now employed, but desire better job. Good references from good mi'l men as to character and ability. Acdress No. 3815.
- WANT position as overseer carding.
 Good man, now employed, but wish better position. First class references
 showing good past record. Address
 No. 3816.
- WANT position as superintendent of yarn or weave mill. Long experience in carding, spinning and weaving, and winding. Can get quantity and quality production at lowest cost. Age 39, good character and references. Address No. 3817.
- WANT position as superintendent. Practical manufacturer of ability and experience. Good manager of help. Fine references. Address No. 3818.
- WANT position as overseer weaving. First cuass weaver in every respect, sober, reliable and hard worker. Experienced on wide variety of goods. Good references. Address No. 3819.
- WANT position as superintendent or manager of yarn or cloth mill in the Carolinas. Now general superintendent of large mill, have held job satisfac-torily for three years but have good reasons for wanting to change. Good references. Address No. 3821.
- WANT position as superintendent, over-seer carding or assistant superinten-dent on yarn or plain cloth mill. High class, reliable man, good manager of help. A-1 references. Address No.

- ANT position as overseer weavir Strictly high class man of good chara-ter; long experience in weaving, be of references. Address No. 3823.
- WANT position as superintendent, or carder or spinner. Now employed as spinner in mill on fine yarns and am giving entire satisfaction, but want larger place. Good references. Address No. 3824.
- WANT position as superintendent, carder or spinner. Practical man of long ex-perience in good mills. Fine refer-ences. Address No. 3825.
- WANT position as master mechanic. Now employed, but want larger job. Many years experience as mechanic, steam and electric drive. Excellent references. Address No. 3826.
- WANT position as superintendent or traveling salesman. Experienced mill man and can give excellent references, Address No. 3827.
- WANT position as superintendent. Have held position as such in some of the best mills in South and give satisfac-tory references to any mill needing first class man. Address No. 3827.
- WANT position as master mechanic. Long experience in mill machine shop, fully competent to handle large job. Fine references. Address No. 3829.
- WANT position as overseer carding or spinning, or superintendent. Practical man who has had many years experi-ence as superintendent and overseer and can get satisfactory results. Best of references. Address No. 3821.
- WANT position as superintendent of yarn mill or carder or spinner. Thoroughly familiar with tnese departments and am well qualified to handle either a room or a mill. Good references as to character and ability. Address No. 3832.
- WANT position as superintendent of mill in North Carolina making yarns or print cloths. Now employed as super-intendent of 27,000 spindle mill making 30s hosiery yarn and 64x60s print cloth. Am giving satisfaction but have good reason for making change. Best of ref-erences. Address No. 3833.
- WANT position as superintendent or overseer carding. Long experience as both and can get good production at low cost. Would like to correspond with mill needing high class man. Ad-dress No. 3834.
- WANT position as overseer of carding. Good worker of long experience in num-ber of good mills. First class refer-ences to show past record. Address No. 3835.
- WANT position as superintendent or overseer carding and spinning. Now employed, but wish larger place. Com-petent, reliable man who can give satis-faction in every way. Good references. Address No. 3836.
- WANT position as superintendent or manager. Have had long experience as superintendent and am high class man in every respect. Can handle mill on any class of goods made in South. Want to correspond with mill needing high class executive. Excellent references from reliable mill men. Address No. 3837.
- WANT position as overseer weaving. Practical weaver who can get big production at the right cost. Fine references. Address No. 3838.
- WANT position as overseer weaving, Can handle any fabric made in South. Have had over 27 years experience from loom fixer to overseer weaving and was promoted steadily by one of largest mills in the South. Married, have family, religious worker, good manager of help. Can give excellent list of references. Address No. 3839.
- ANT position as superintendent, prefer South Carolina or Georgia. Now employed as assistant superintendent and weaver and am giving entire satisfaction. Have good reasons for wishing to change. Excellent references. Address No. 3840.
- WANT position as overseer weaving, pre-fer job of fancies. Have been weaver for past 10 years with one of the finest mills in the South. Excellent refer-ences to show a fine record. Address No. 3841.
- WANT position as superintendent, yarramil preferred. High class man who is well trained and has had long experience. Best of references. Address No. ence. 3842.
- WANT position as superintendent.
 emplayed as such, but want letter
 Government of the superintendent.

- and get operate weave mill on very satisfactory basis. Address No. 3843.
- WANT position as superintendent, carder or spinner. Now employed as superin-tendent. Long experience as both over-seer and superintendent and can get satisfactory results. Address No. 3844
- WANT position as overseer carding. Have had long experience and can furnish best of references from past and present employers. Address No. 3852.
- WANT position as overseer weaving. Experienced in wide variety of fabrics and can give satisfaction. Now employed. Best of references. Address No. 3853.
- WANT position as dyrer, 12 years perience on long and short chain we raw stock, beam and Franklin rchines. Can handle any size jobs cotton. Good references and can coon short notice. Address No. 3854.
- WANT position as overseer carding. Ex-perienced an dreliable man who can handle your room on efficient and satis-factory basis. Good references. Ad-dress No. 3855.
- WANT position as superintendent of medium sized mill or weaver in large mill, white or colored goods; 20 years as overseer weaving, slashing and beaming in number of South's best mills. Have held present place for nine years and am giving entire satisfaction. Address No. 3856.
- VANT position as superintendent of plain or fancy goods mill, would consider offer of medium size mill at reasonable salary. Thoroughly conversant with all departments. Address No. 3857.
- WANT position as superintendent of yarn or cloth mill, ginghams preferred; age 40, have family; 22 years experience, 8 years as carder and spinner and assistant superintendent; have held last position as superintendent for 7 1-2 years. N. . mill preferred. Good references. Address No. 3858.
- WANT position as overseer weaving or superintendent. Long experience in good mills and can get good results. Best of references, Address No. 3859. WANT position as overseer carding; age 33, married, 14 years in carding; 5 years as overseer. Now employed but have good reasons for wishing to change, Address No. 3860.
- WANT position as superintendent of weaving mill, or would take overseer weaving in large mill on plain or fancy goods. Now amployed in good plant and can give good references. Fine record in good mills. Address No. 3861.
- WANT position as overseer spinning, 17 years in spinning room, now employed as second hand in 35,000 spindle room; age 28, married, sober, reliable and church member. Good references, Address No. 3862.
- WANT position as overseer spinning, spooling or twisting. Age 29, married, 10 years on spinning. Can furnish good reference. Address No. 3863.

 WANT position as carder or spinner, or both. Age 25, married, practical carder and spinner and can furnish fine references as to character and ability. Address No. 3864.
- WANT position as overseer spinning, or carding and spinning, can give good ref-erences as to character and ability, strictly sober, now employed but have good reasons for wishing to change. Ad-dress No. 3865.
- WANT position as overseer cloth room, experienced on drills and sheetings; also colored goods. Can give Al references. Address No. 3867.
- WANT position as carder or spinner, or both. Experienced and reliable man, who can produce good results. Good references. Address No. 3868.
- WANT position as superintendent, now employed as such, but wish to change; 4 years in present place, 8 years as carder and spinner or both warp and hosiery yarns, 5 years as spinner, been in mill over 25 years, thoroughly understand all processes from ploker room to winding and twisting. Good knowledge of steam and electricity. Address No. 3869.
- WANT position as overseer spinner, at \$30 weekly or more, now employed in good mill, practical and experienced man. Best of references. Address No. 3870.
- WANT position as superintendent of weaver; long practical experience, and can produce quality and quantity pro-duction. Address No. 3871.
- WANT position as overseer weaving; 12 years on heavy duck, 14 years as overseer on sheetings, drill, osbaurgs, grain bag, tubing and rope machines; am 48. Can change on short notice. Good references. Address No. 3872.

- WANT position as overseer weaving, ex-perienced on large variety of goods and can handle room on efficient basis, Ad-dress No. 3873.
- WANT position as superintendent of small mill, or weaver in large plant; now em-ployed as overseer slashing, warping and drawing-in on 360 Draper looms. Good references. Address No. 3874.
- WANT position as superintendent, yarn or weave mill. Low employed, but wish larger place Excellent past record. Good references. Address No. 3875.
- WANT position as agent superintendent or manager of Southern mill on white work. Would be interested in buying s tock. Can furnish best of references and can show results. Address No.
- WANT position as overseer weaving, now running 800 looms and giving satisfac-tion; familiar with colored checks, cham-brays, many other lines; age 39, mar-ried, good references. Address No. 3877.
- WANT position as overseer weaving; age 29, married, I. C. A. graduate, experienced on plain and fine work including all kinds of cotfon towels and specialties. Good references. Address No. 2070
- ANT position as superintendent; 28 years experience in mill, have held present place as superintendent for 8 years, have good reasons for wanting to change. Best of references. Address No. 3880.
- WANT position as supt. of yarn mil, or carder and spinner. Now employed as carder. Can furnish good references to show my record. Address No. 3881.
- WANT position as carder in large mill, or supt, of small yarn mill; 20 years as carder and spinned; mostly in carding and assistant supt. Now employed as carder and assistant supt. Good refer-ences. Address No. 3882.
- WANT position as carder or spinner, or both. Practical man of long experi-ence; have excellent references. Ad-dress No. 3882.
- WANT position as supt. or weaver, long experience in good mills, excellent ref-erences to show character and ability. Address No. 3883.
- WANT position as supt. of spinning mill, practical experienced man of good abil-ity and can get results. Address No. 3884.
- WANT position as supt. and manager of small or medium mill, or overseer of large, good paying weave room. Ex-cellent references. Address No. 3885.
- WANT position as master mechanic; 20 years experience, now employed, good references to show excellent past record. Addrss. No. 3886.
- WANT position as carder and spinner or both, or supt.; 25 years in mill, 18 as supt.; married, have family. Address No. 3887.
- WANT position as spinner, white work preferred; experienced and reliable man. Can come on short notice. Best of references. Address No. 3888.
- WANT position as overseer of spinning, now employed as such and giving satis-faction, but wish larger place. Married, good habits, reliable and competent. Good references. Address No. 3889.
- WANT position as overseer spinning. Ex-perienced spinner, practical and capable, good character and habits, best of ref-erences. Address No. 3890.
- ANT position as supt. or would take carding or spinning. Good references to show an excellent past record and can product good results. Address No. 3891.
- WANT position as carder or spinner in large mill, or supt. of small or medium size mill. Long experience in good mills; good manager of help. First class references. Address No. 3892.
- WANT position as supt. of small mill, with opportunity of investing in mill and advance. Long experience as overseer, good character, inventor and owner of patent that will be of great value to mill equipped to use waste sock. Patent would give mill big advantage in manufacture of twine, rope and similar products. Would take stock for entire amount of pattern and invest small amount in addition, or would consider new mill. Address No. 3893.
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